NOTE:

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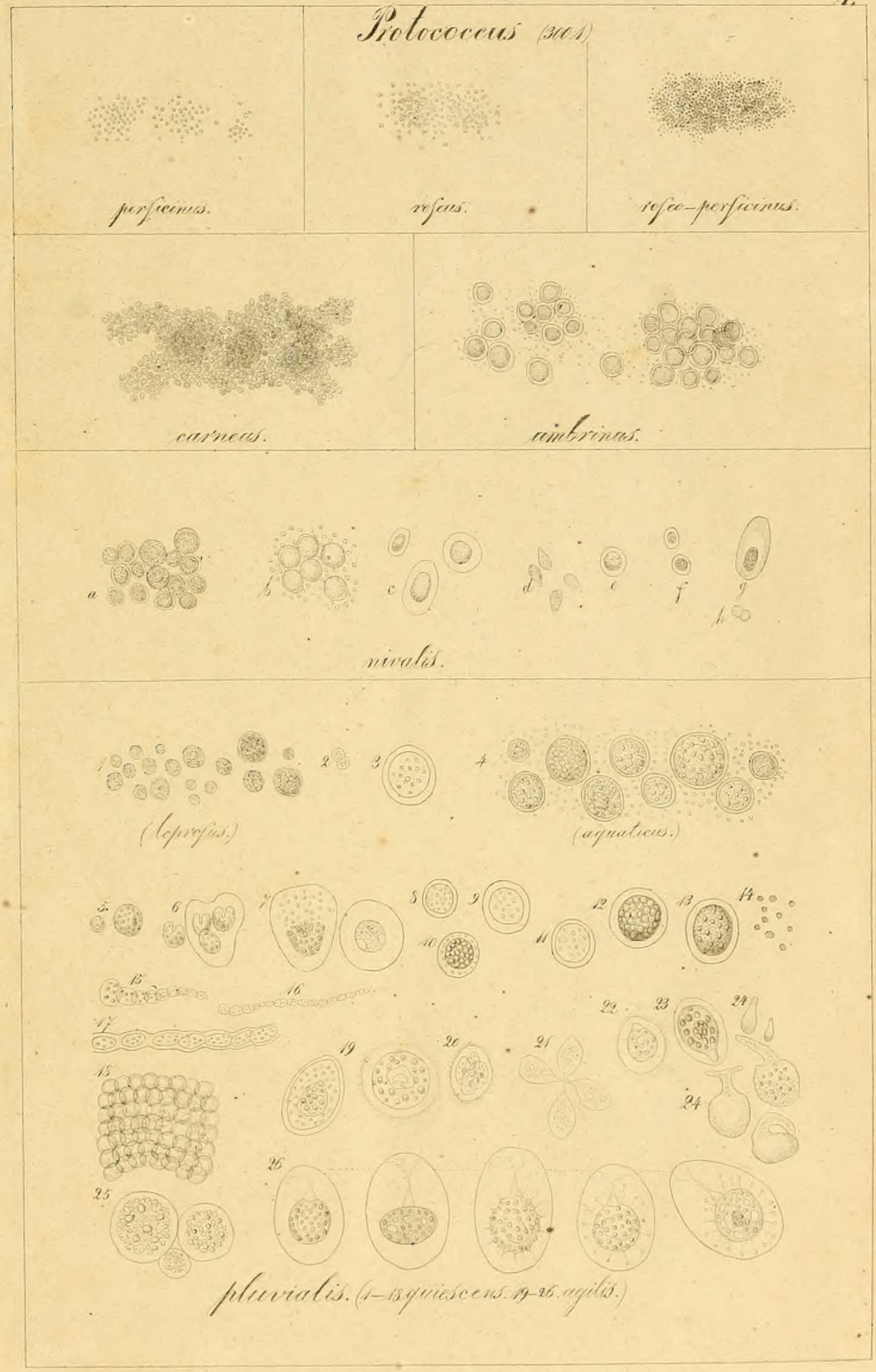
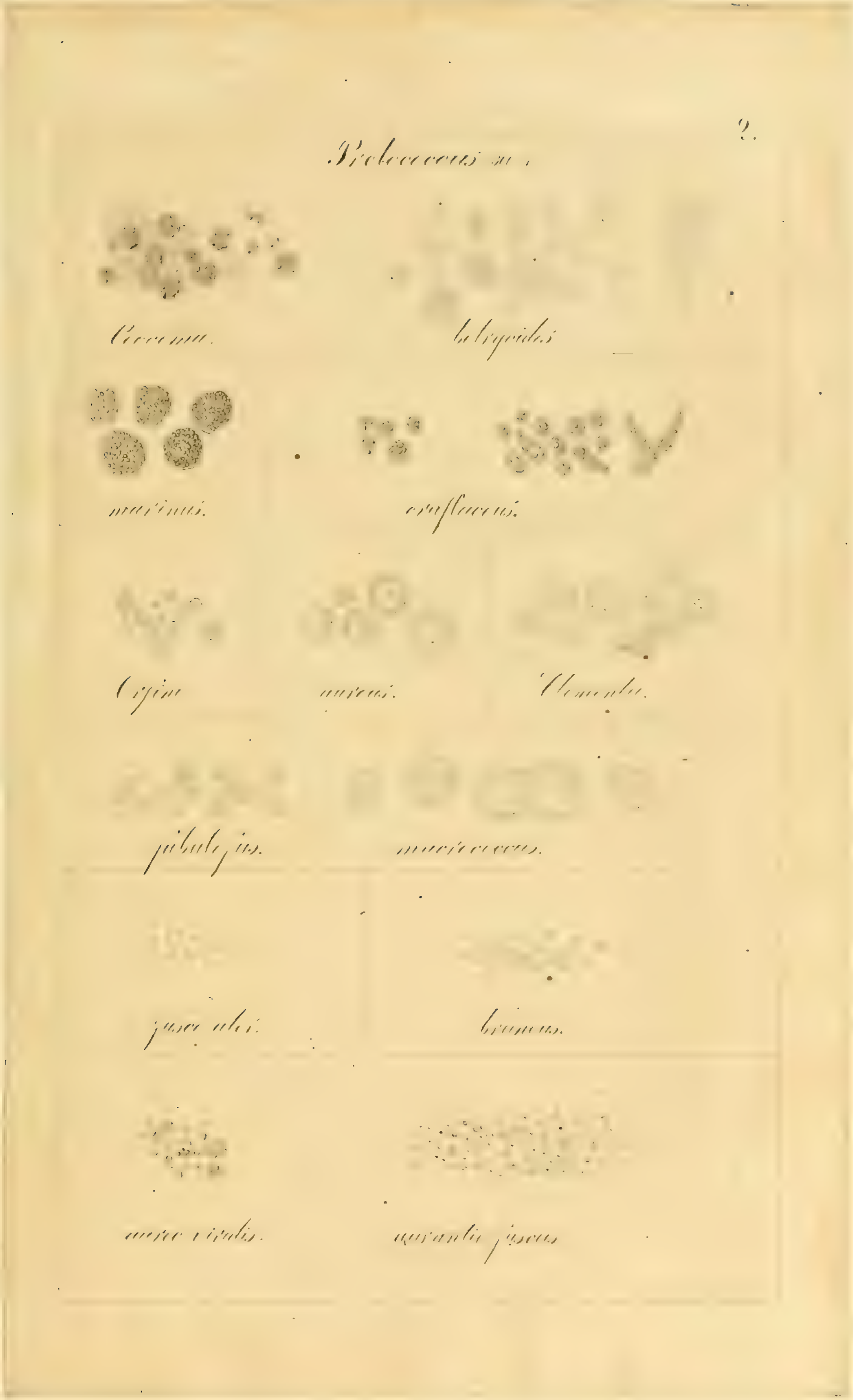
5236-14
589.3
K 96
MARINE BIOLOGICAL LABORATORY
WOODS HOLE
LIBRARY
MASS.

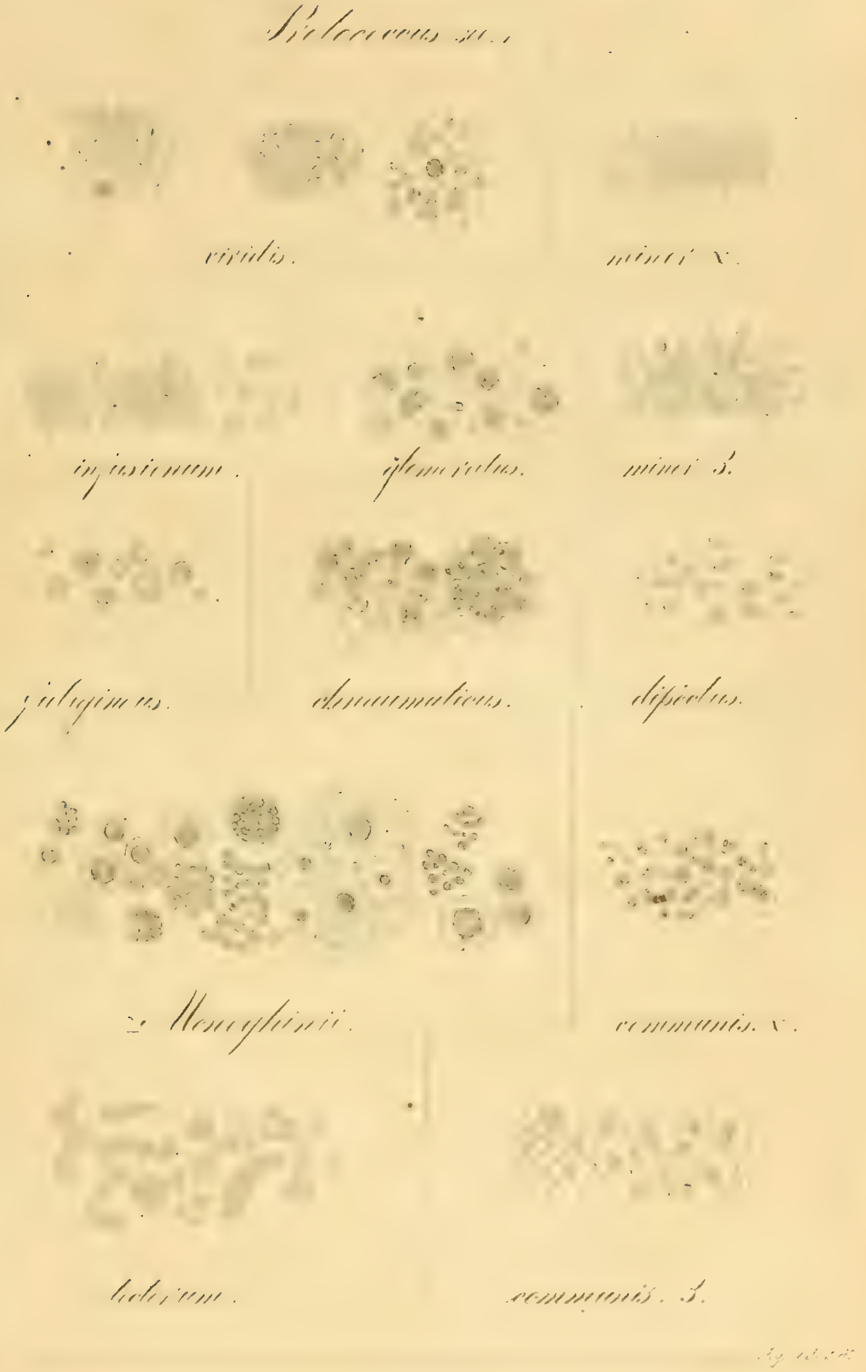
Tabulae phycologicae.

acc.
2760

1.

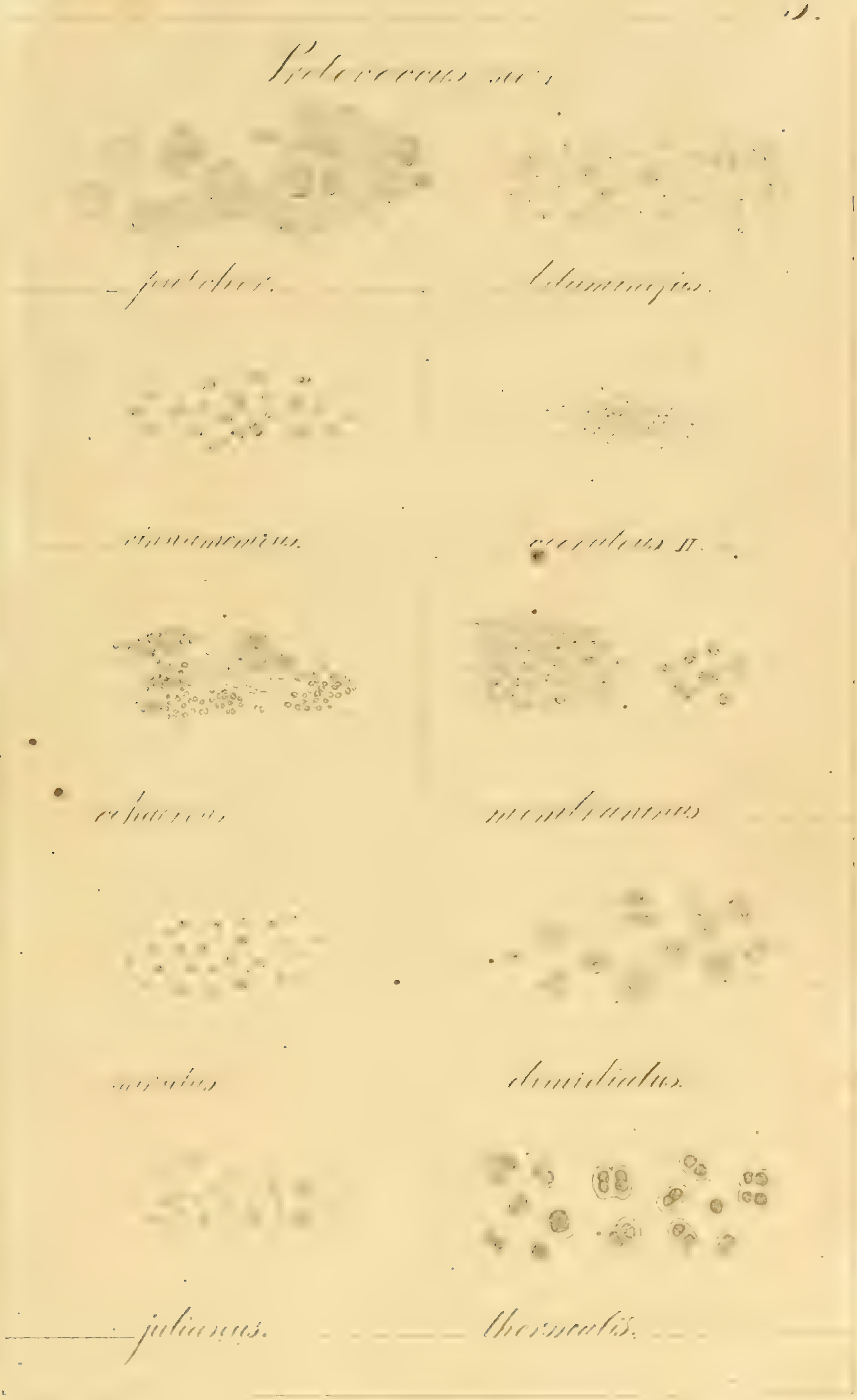

Protococcus (3001)
persicinus.
roseus.
roseo-persicinus.
carneus.
umbrinus.
nivalis.
(leprosus.)
(aquaticus.)
pluvialis. (1–18 quiescens. 19–26. agilis.)


2.
Protococcus
marinus.
aureus.
macrococcus.
brunneus.

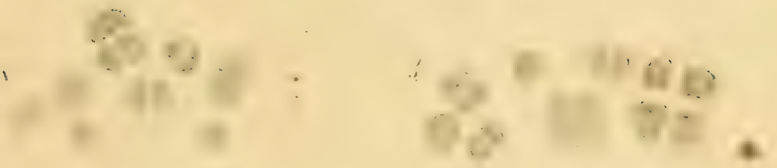

viridis.
minor α.
infusionum.
glomeratus.
minor β.
fuliginosus.
dissectus.
Meneghinii.
communis. α.
communis. β.

Chlamidomonas.
Monas.
coeruleus.
crispus.

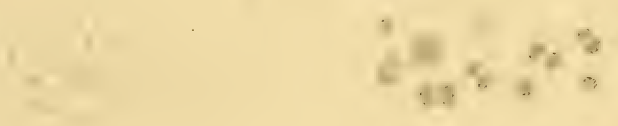
5.



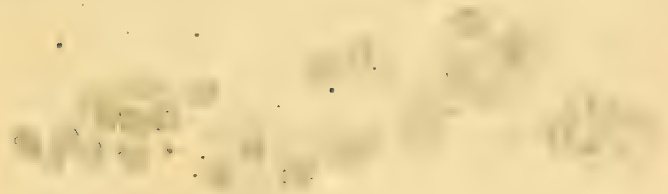
Protococcus. (Kütz.)



hyalinus, chalybeus, pinaceus.



haematicus. gigas.

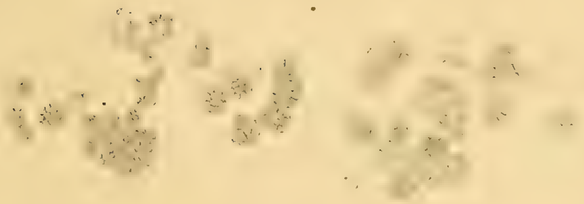


Microchaete aurantiaca.

Microchaete pallida

Microcholea nov.

rupestris.



botryoides.

protogenita.

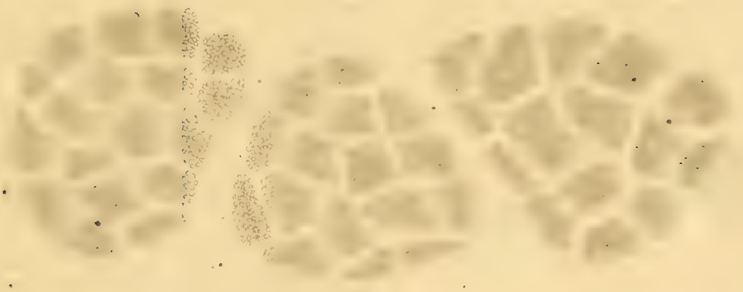
firma.

Microcystis.

elabens.

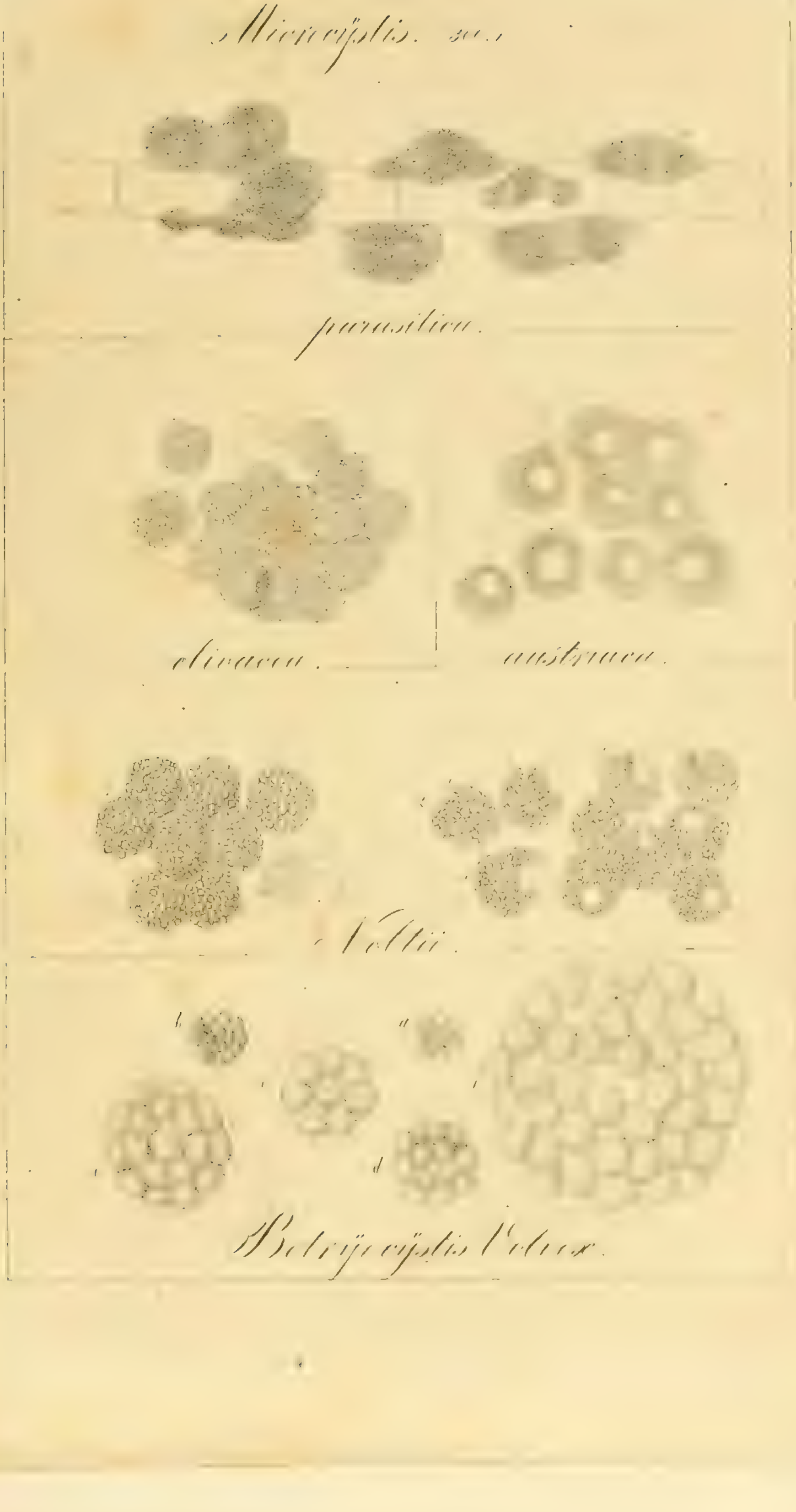
marginata.

aeruginosa

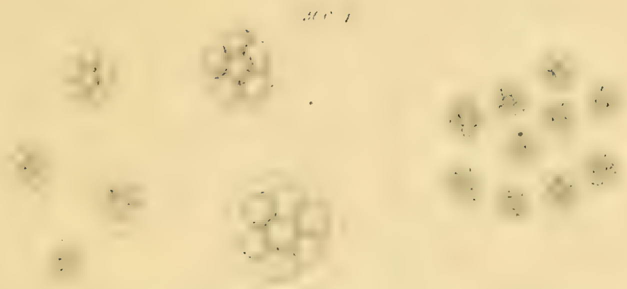


ichthyoblabe.

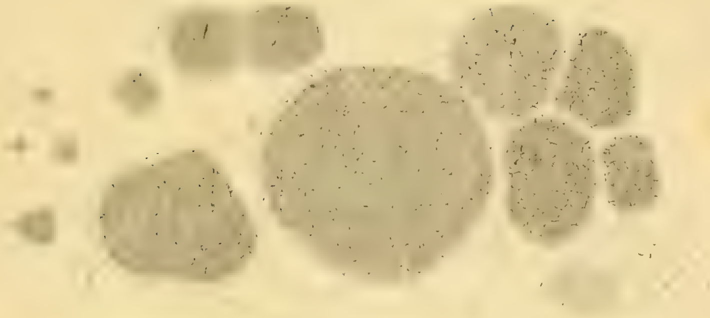
9.



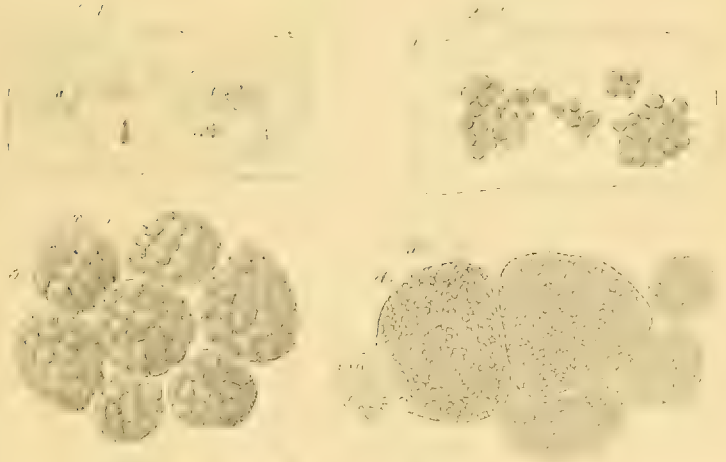
Microcÿstis.
parasitica.
olivacea.
austriaca.
Noltii.
Botrÿocÿstis Volvox.



Botryocystis Morum.



Botrydina vulgaris.



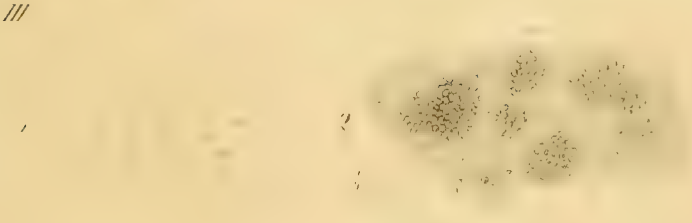
Polycoccus punctiformis.

I

II

Protococcus nigrescens. - Microcystis minor.

III



Microhaloa Rosi.

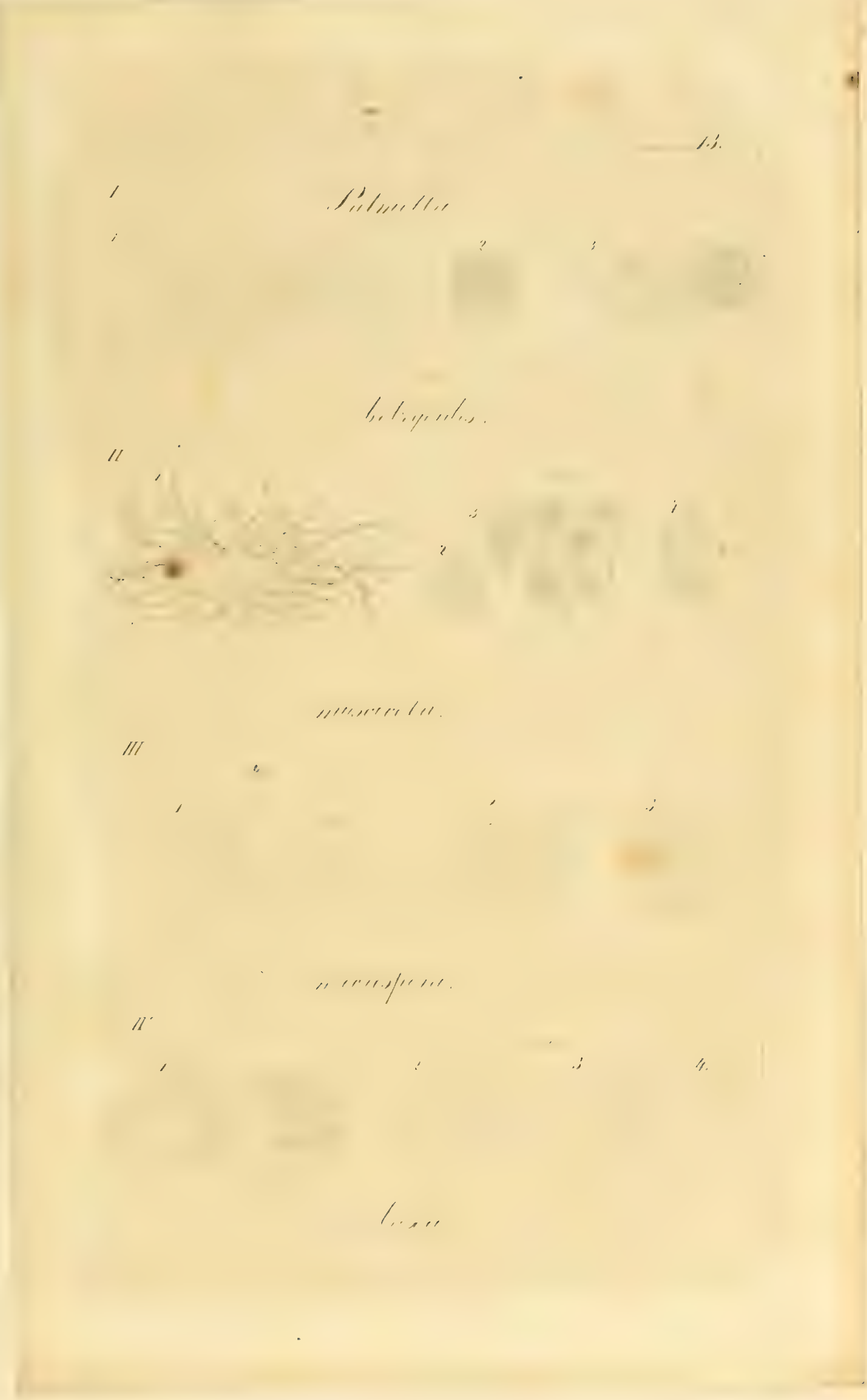
IV

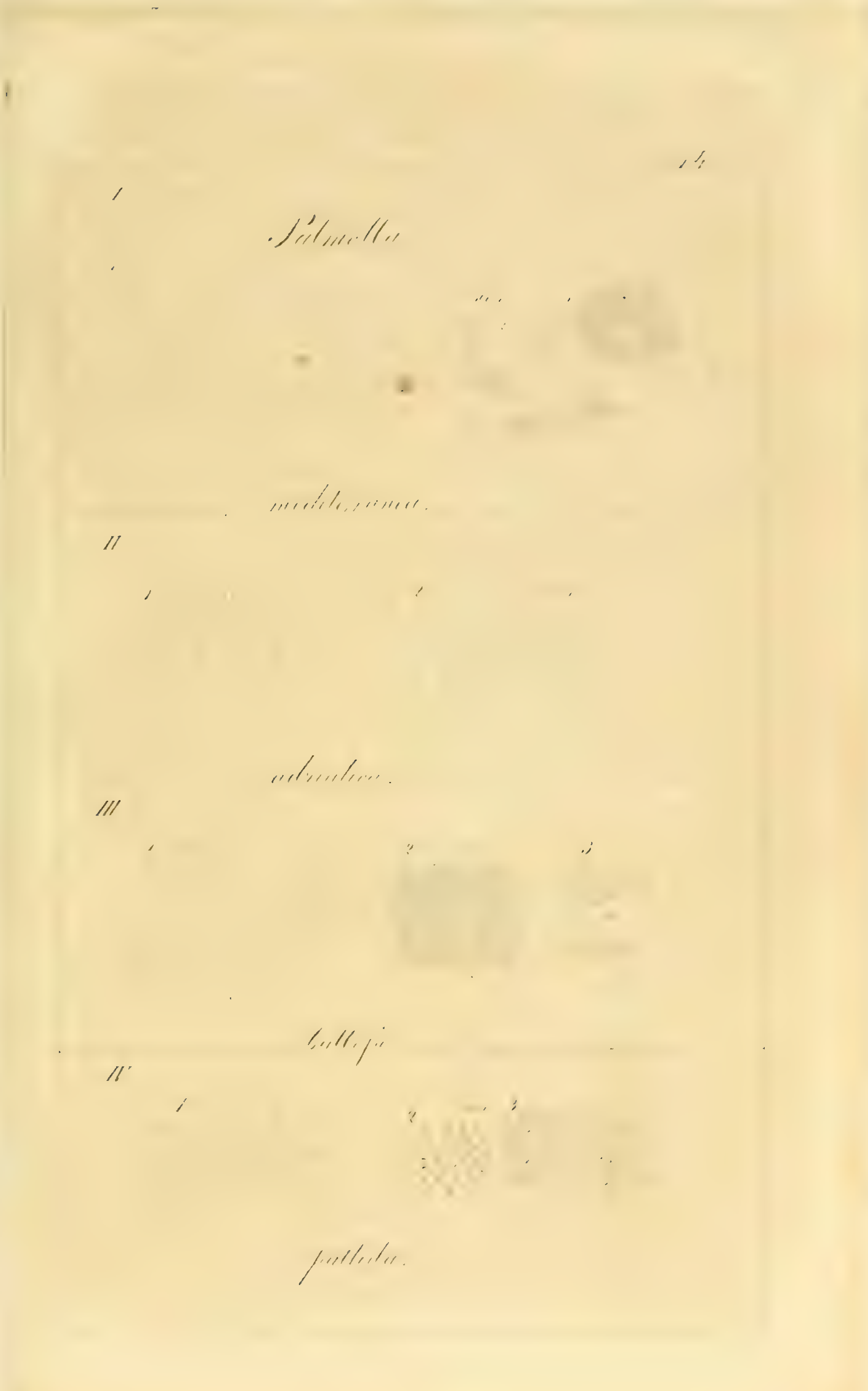
Palmella Castagnei.

V

Palm. flava.

12.
Palmella
I
1.
2.
miniata.
II
1.
2.
3.
4.
Belleriana.
III
1.
2.
cruenta.
IV
1.
2.
margaritacea.


13.
I
Palmella
II
III
IV


I
Palmella
[illegible]
II
1
2
adnata.
III
1
2
3
bullosa
IV
1
2
3
pallida.

I
Palmella
hyalina.
II
cruenta.
III
uvaeformis.

I *Palmella*

mucosa.

II

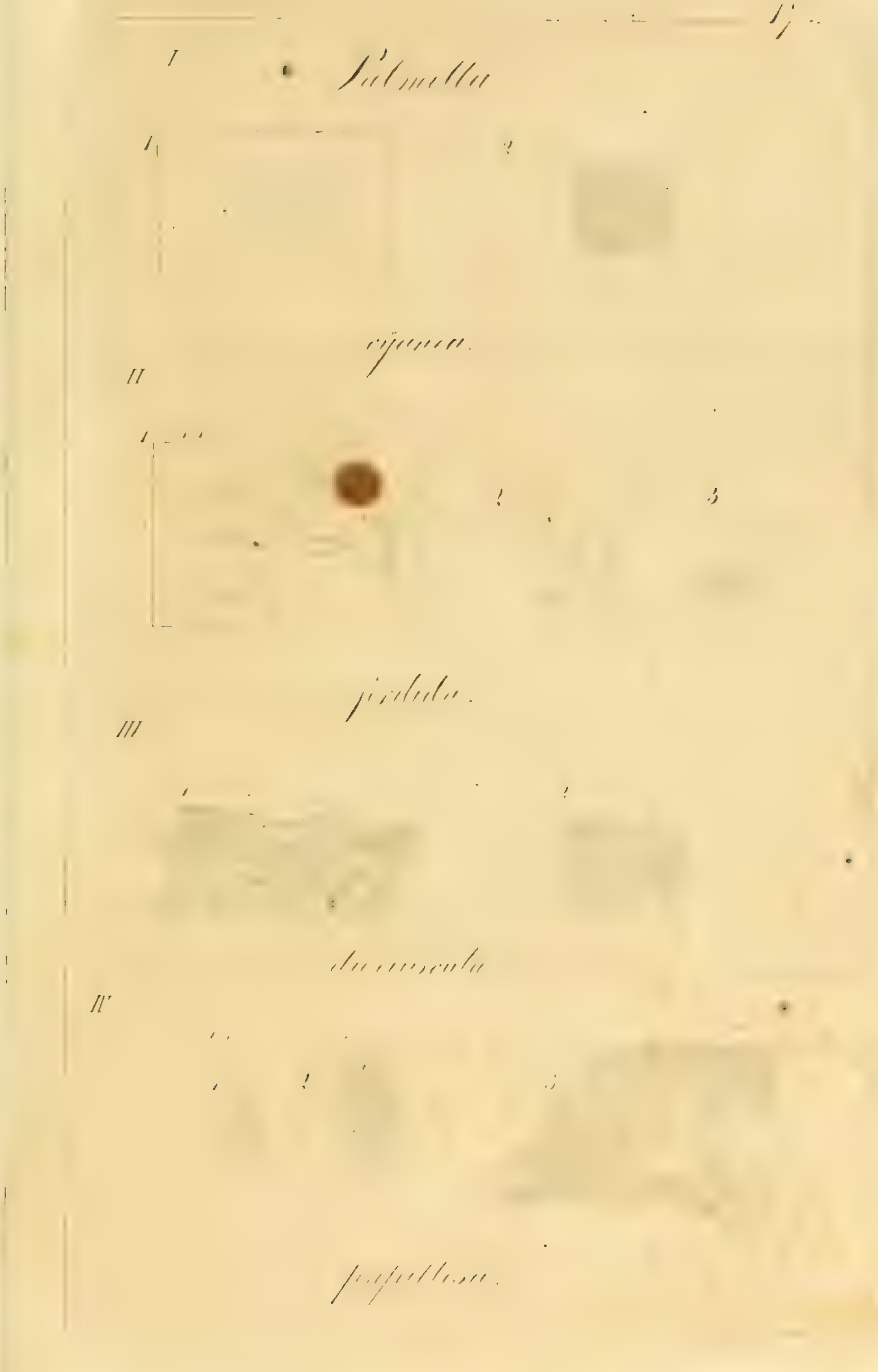
parvula.

III

Orsiniana.

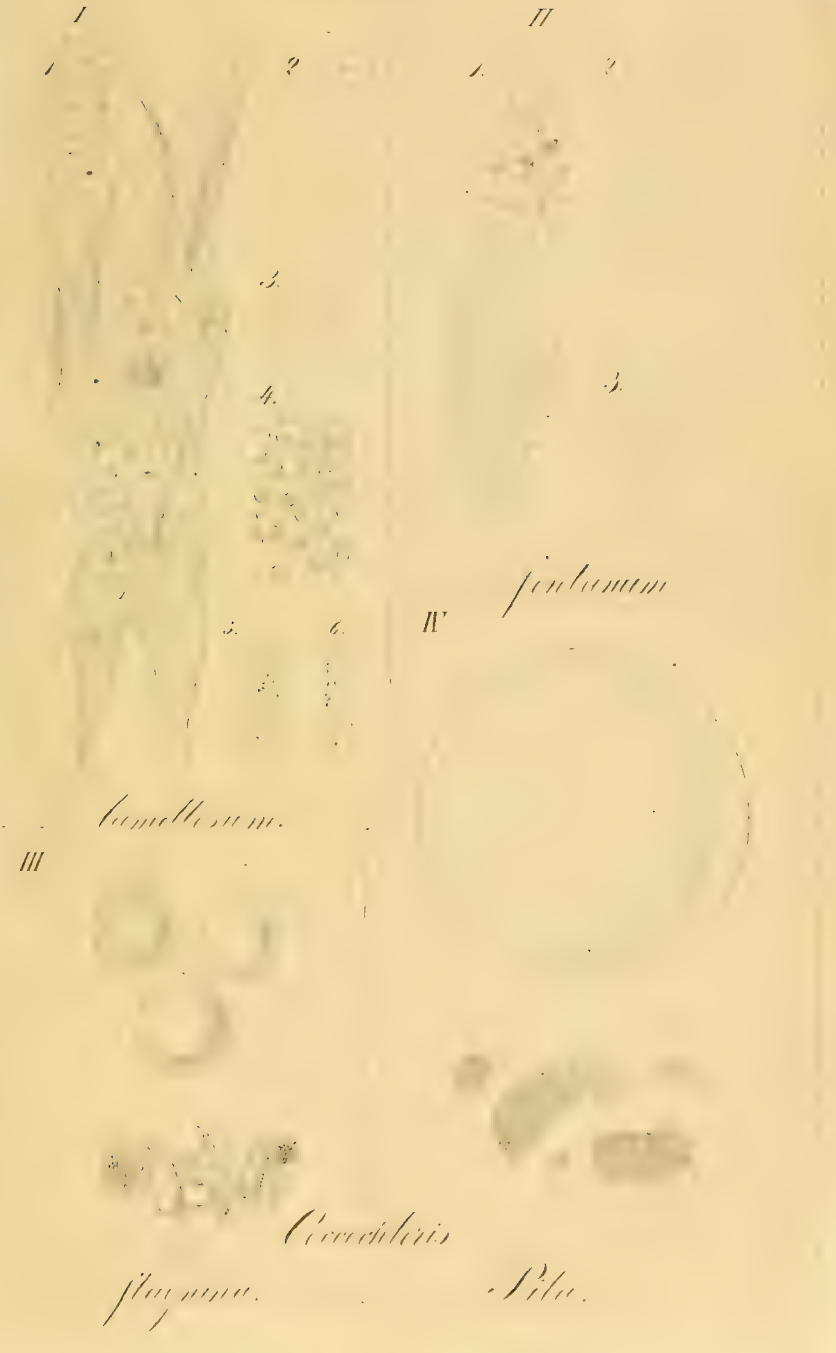
IV

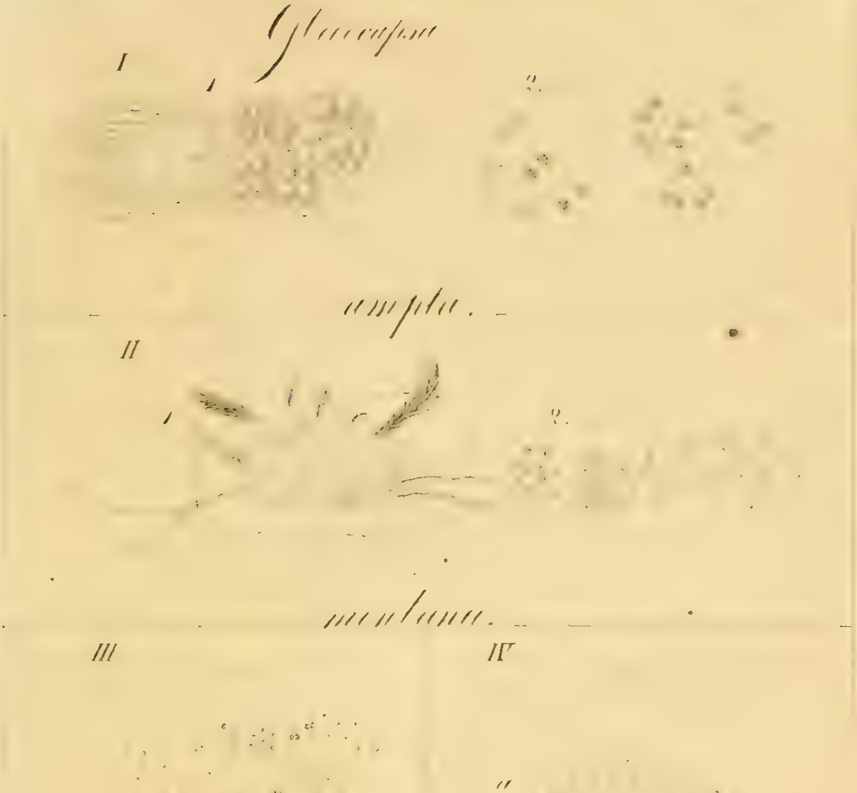
conferta.



I
Palmella
II
III
IV
papillosa.

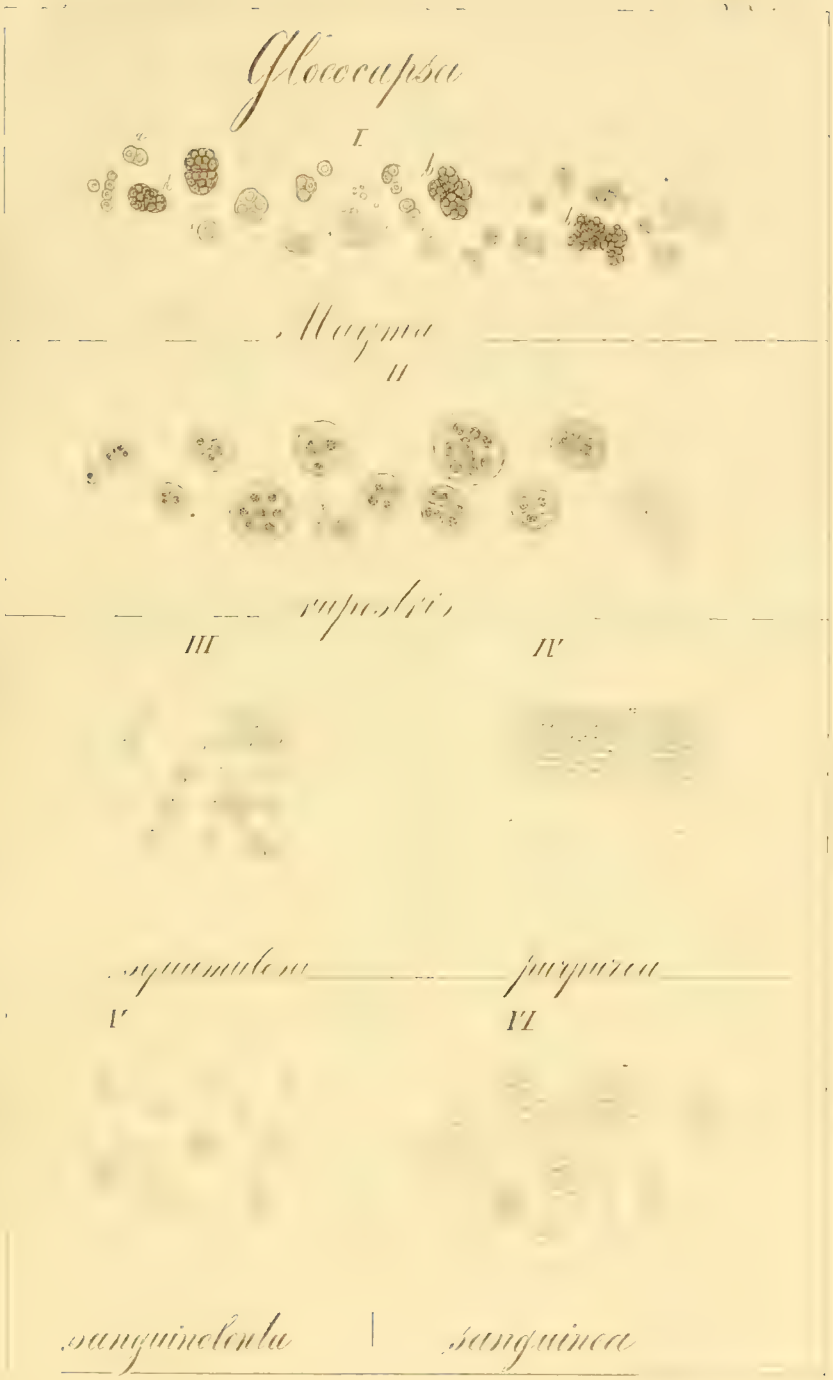
13.


Inoderma
I
1
2
3
4
5
6
II
1
2
3
pulvinatum
IV
lamellosum.
III
Coccularis
phlegmea.
Pila.


Gloeocapsa
I
ampla.
II
montana.
III
IV
didyma.
V
confluens.

Gloeocapsa
I
II
quaternata.
stillicidiorum.
III
IV
polydermatica.
botryoides.
V
a
b
fenestralis.
VI
VII
a
b
palea.
VIII
gelatinosa
IX
cryptococcoides.
conglomerata.

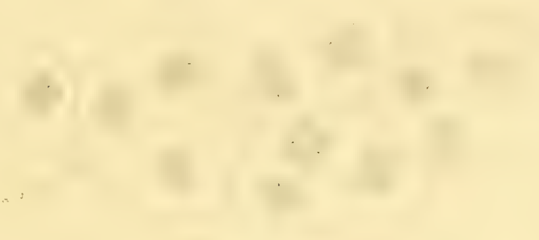
I
Gloeocapsa.
muralis.
II
aeruginosa.
III
IV
V


Gloeocapsa
I
Magma
II
rupestris
III
IV
squamulosa
purpurea
V
VI
sanguinolenta
sanguinea

I Gloeocapsa

Shuttleworthiana

II



Ralfsiana.

III

IV

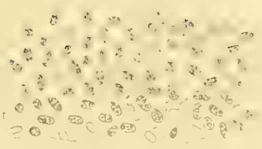
monococca

V

mollis

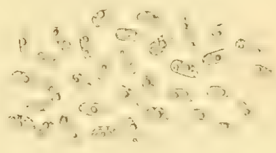
Palmoglaea

I



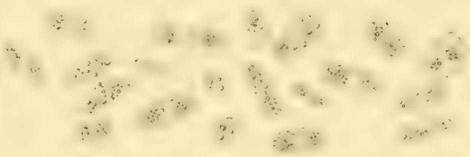
protuberans.

II



macrococca

III

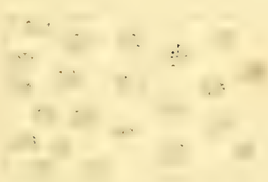


Meneghinii.

IV

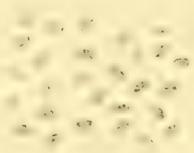
Brebissonii

V

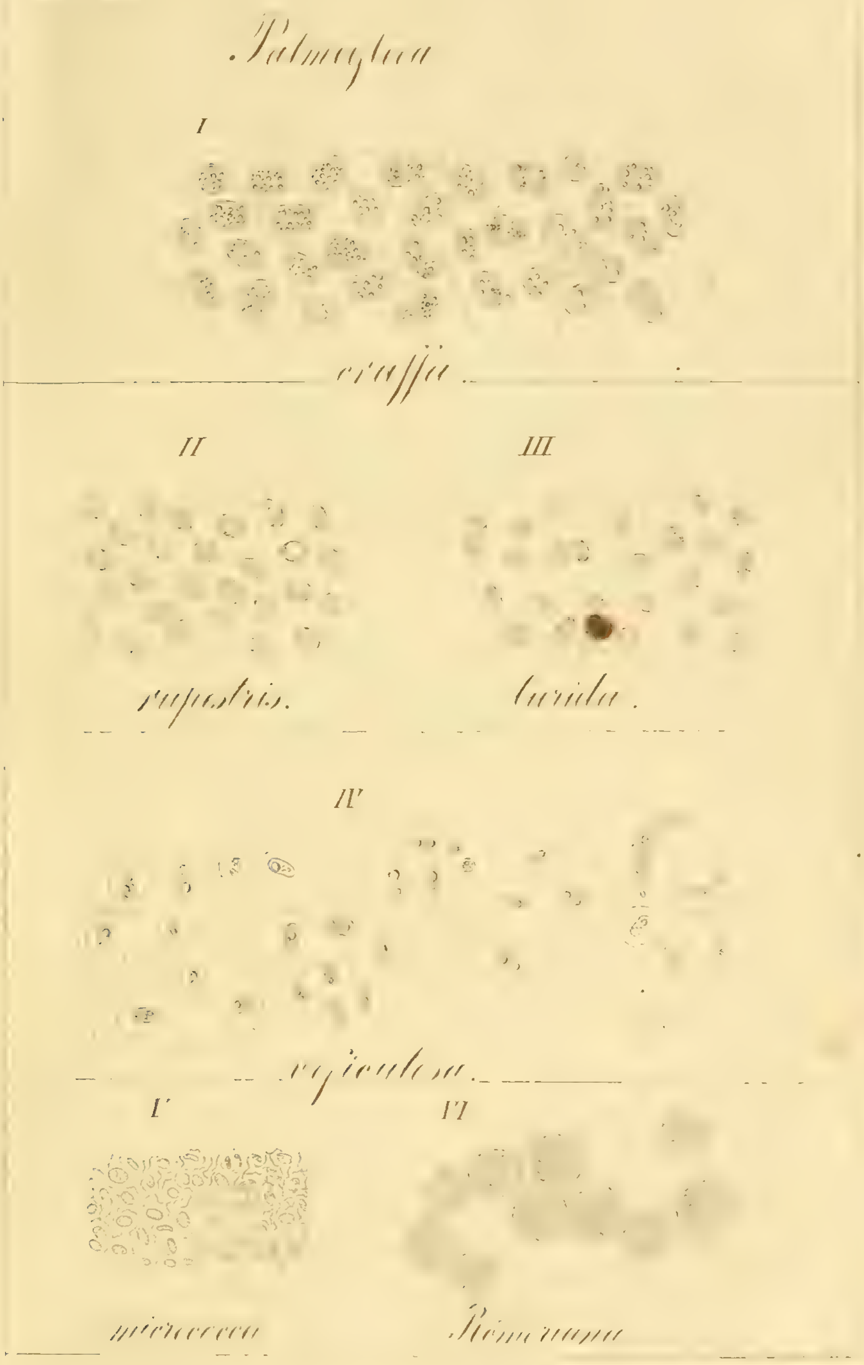


rubescens

VI



endospira

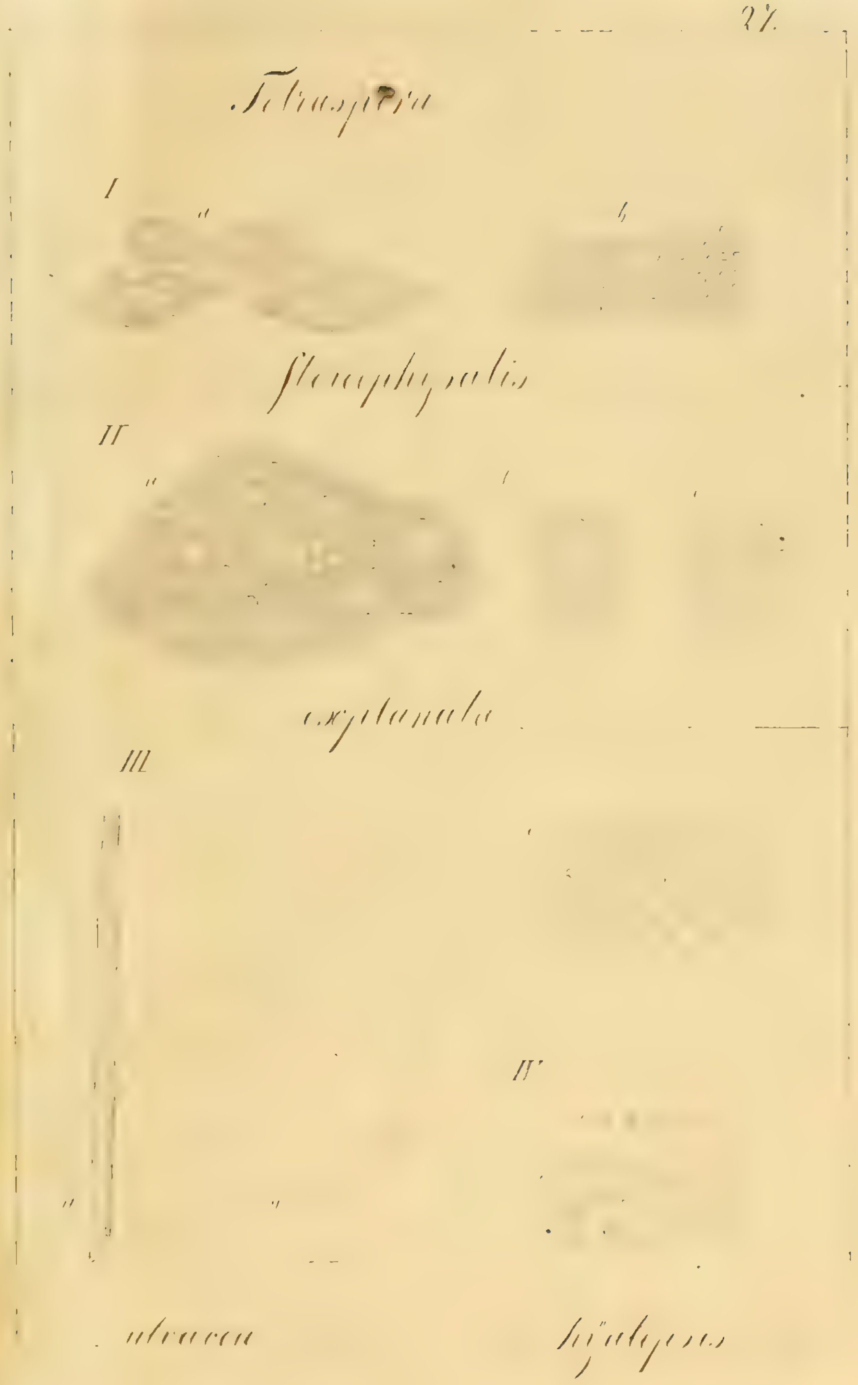

Palmoglœa
I
crassa.
II
III
rupestris.
lurida.
IV
vesiculosa.
V
VI
micrococca
Römerana

I

Trichodictyon rugosa

II

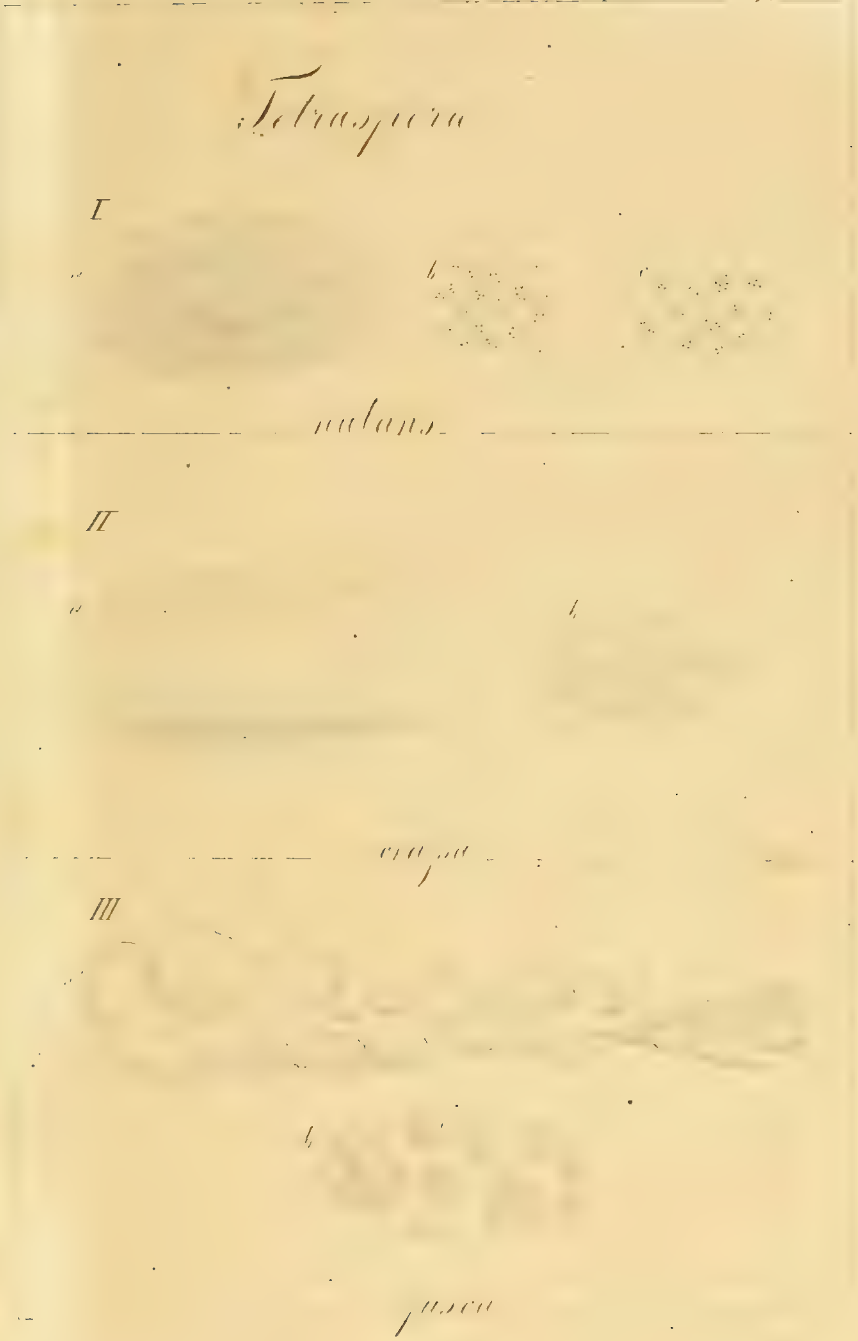
Trichocystis gigantea


27.
Tetraspora
I
II
explanata
III
IV
ulvacea

Tetraspora

bullosa

gelatinosa



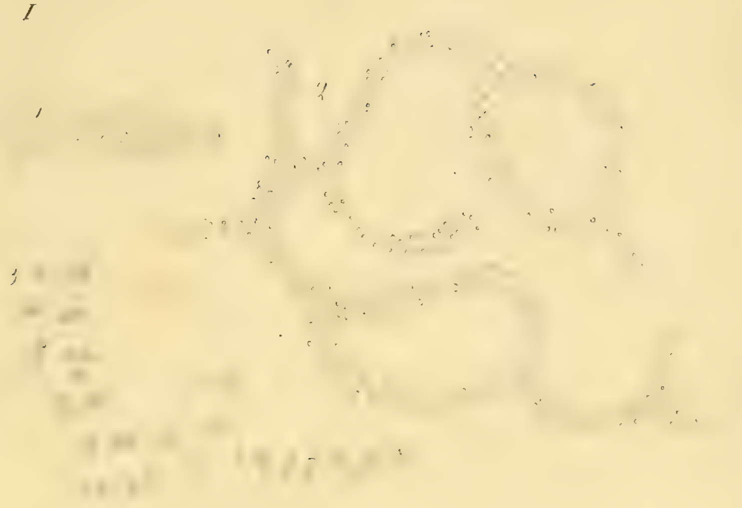
Tetraspora
I
a
b
c
nutans
II
a
b
crapa
III
a
b
fusca

Tetraspora

lubrica

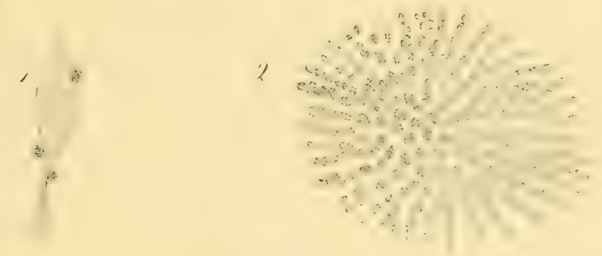
cylindrica — *Gedeÿi*.

I



Palmodictyon viride

II



Actinococcus roseus

III

Gomphosphaeria aponina

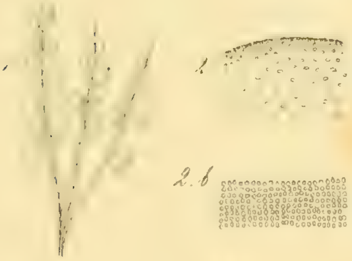
I

Entophysalis granulosa

II

Hydrococcus rivularis

III



IV

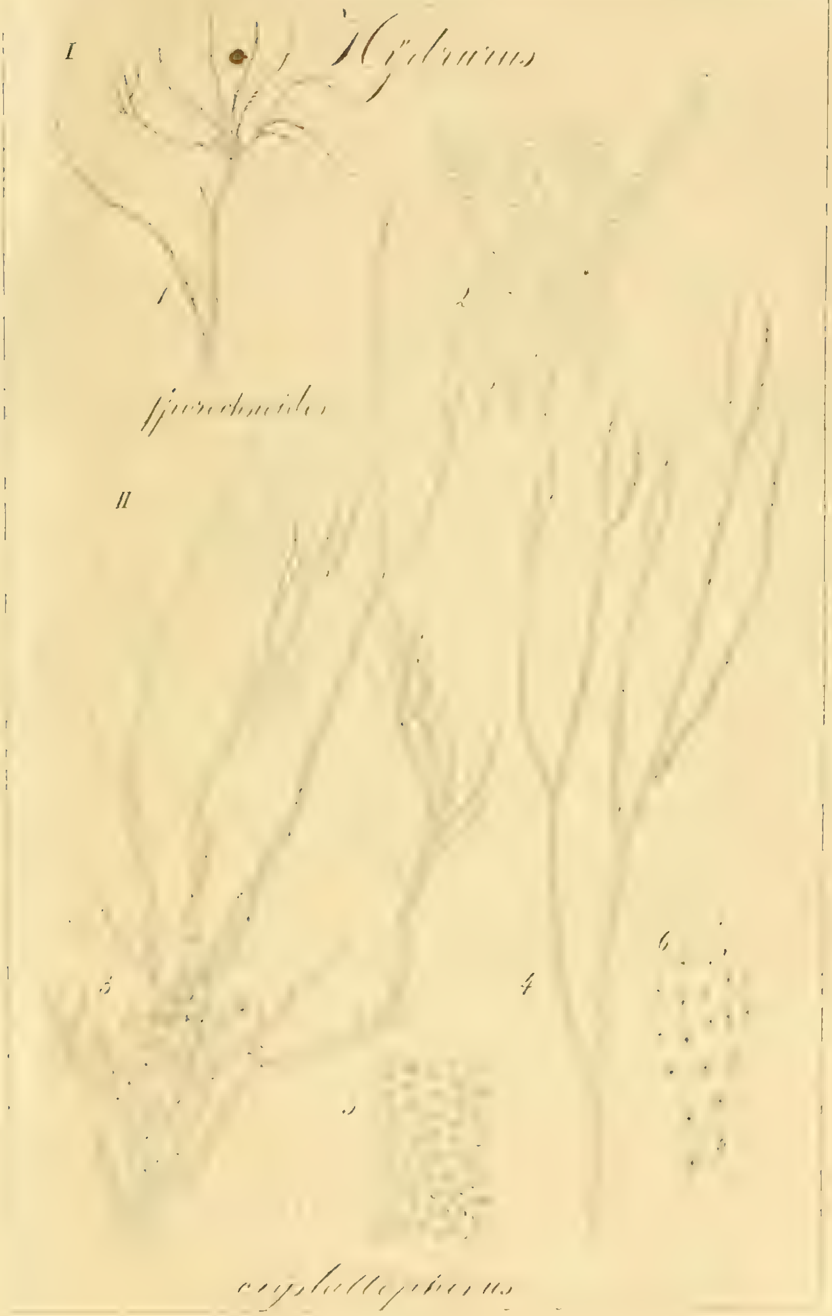
Hydrococcus Brebissonii. H. ulvaceus

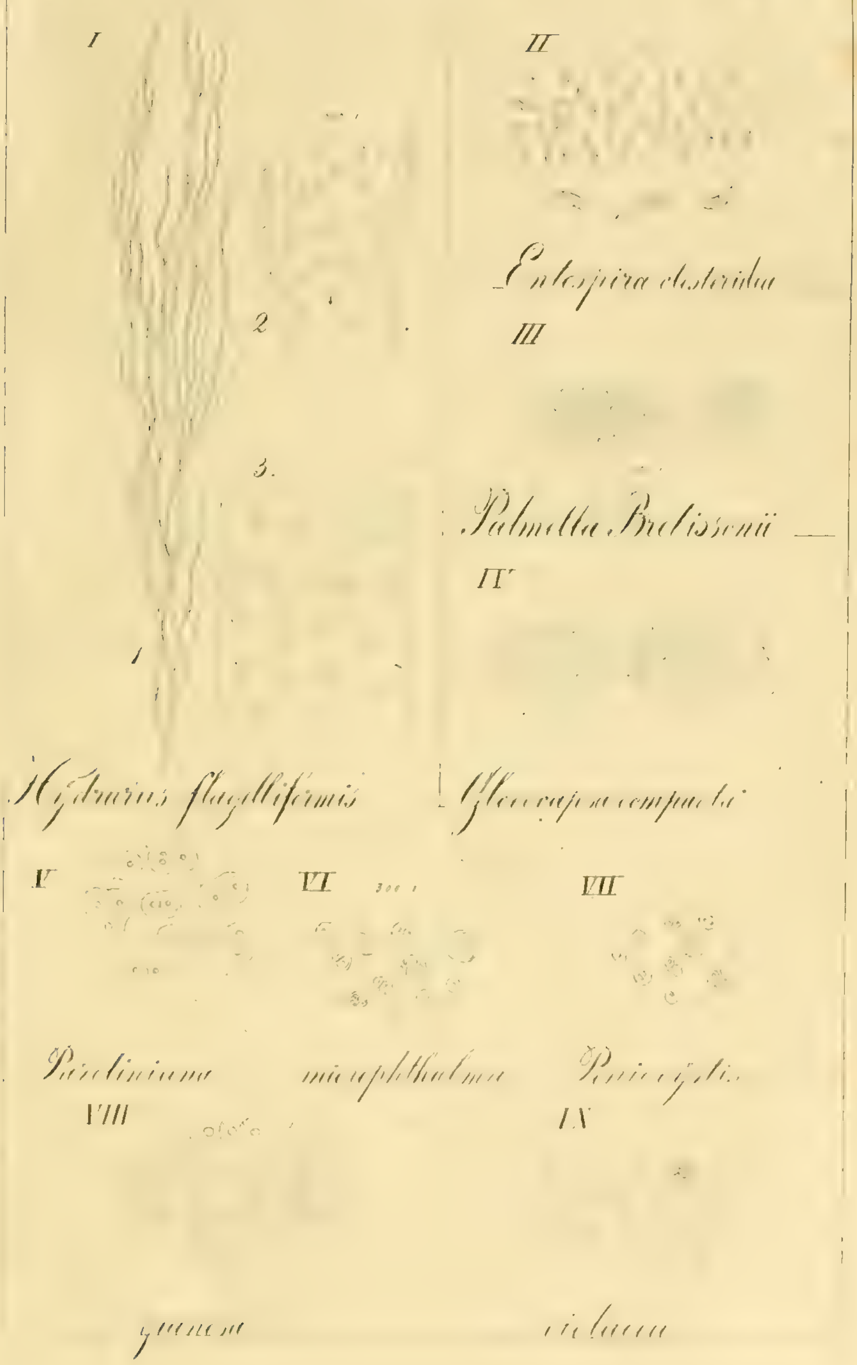
V

Palmophyllum flabellatum

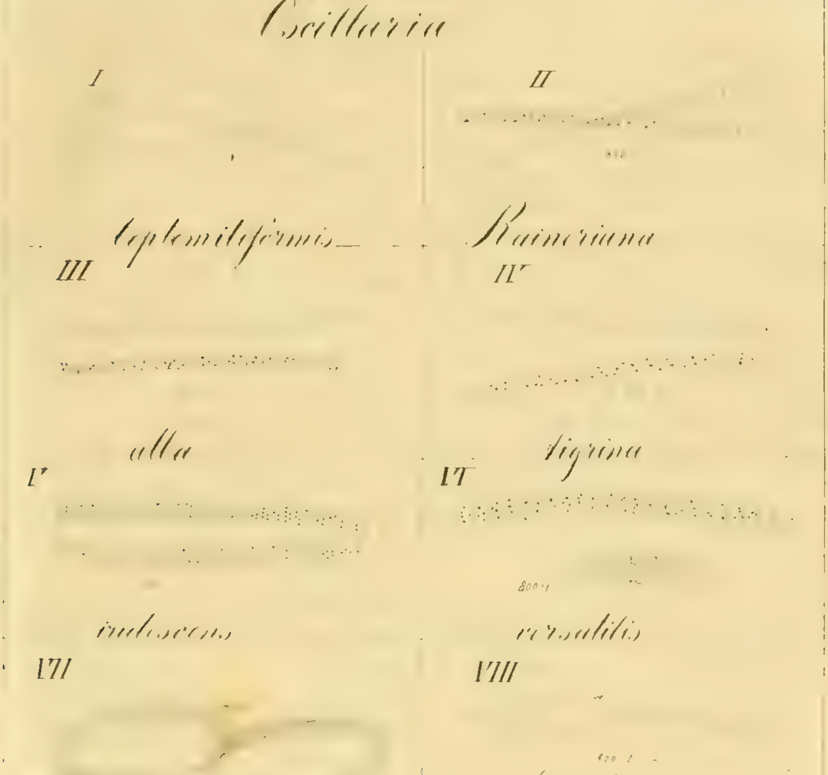
Hydrurus penicillatus

31.
Hydrurus
I
II
Leibleinii
Vaucheri
III
Ducluzelii
IV
irregularis.

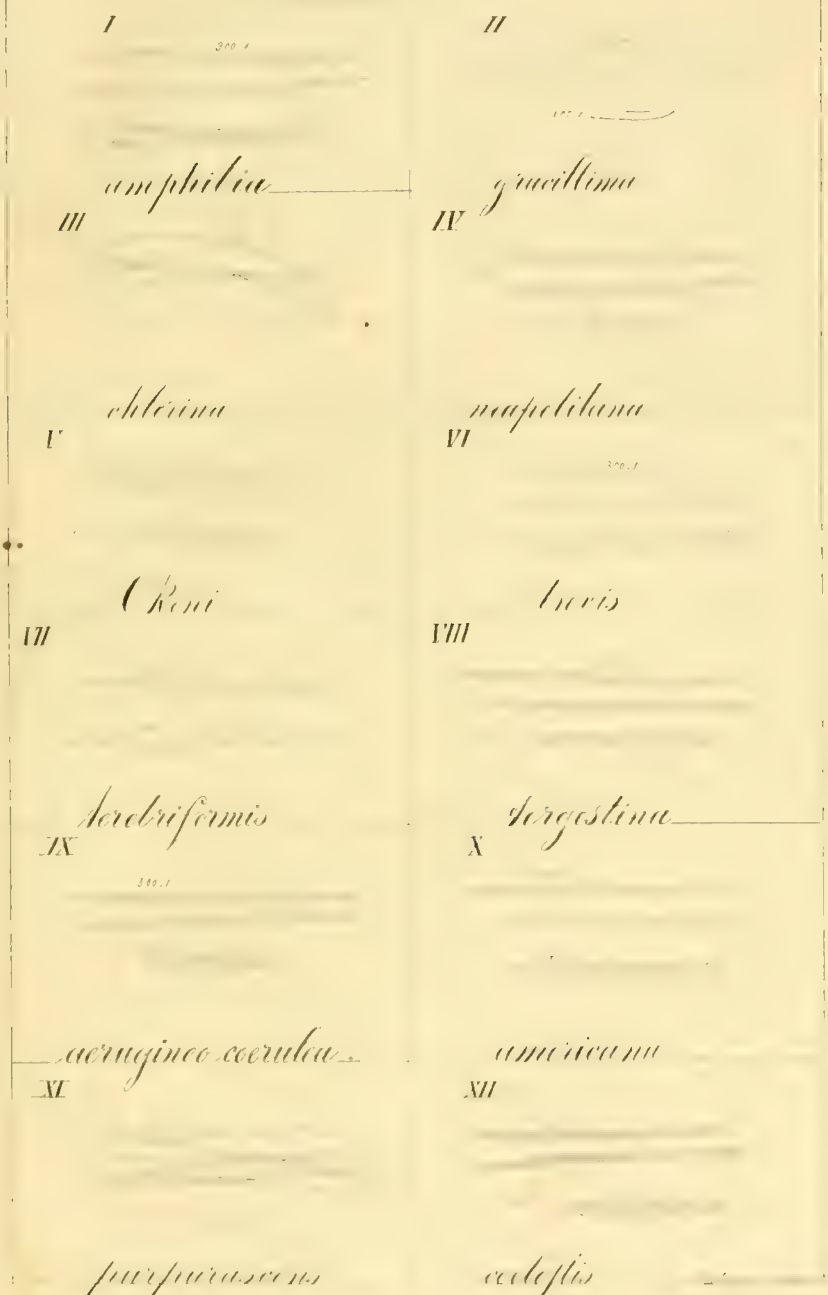

I
Hydrurus
1
2
II
3
4
5
6
crystallophorus

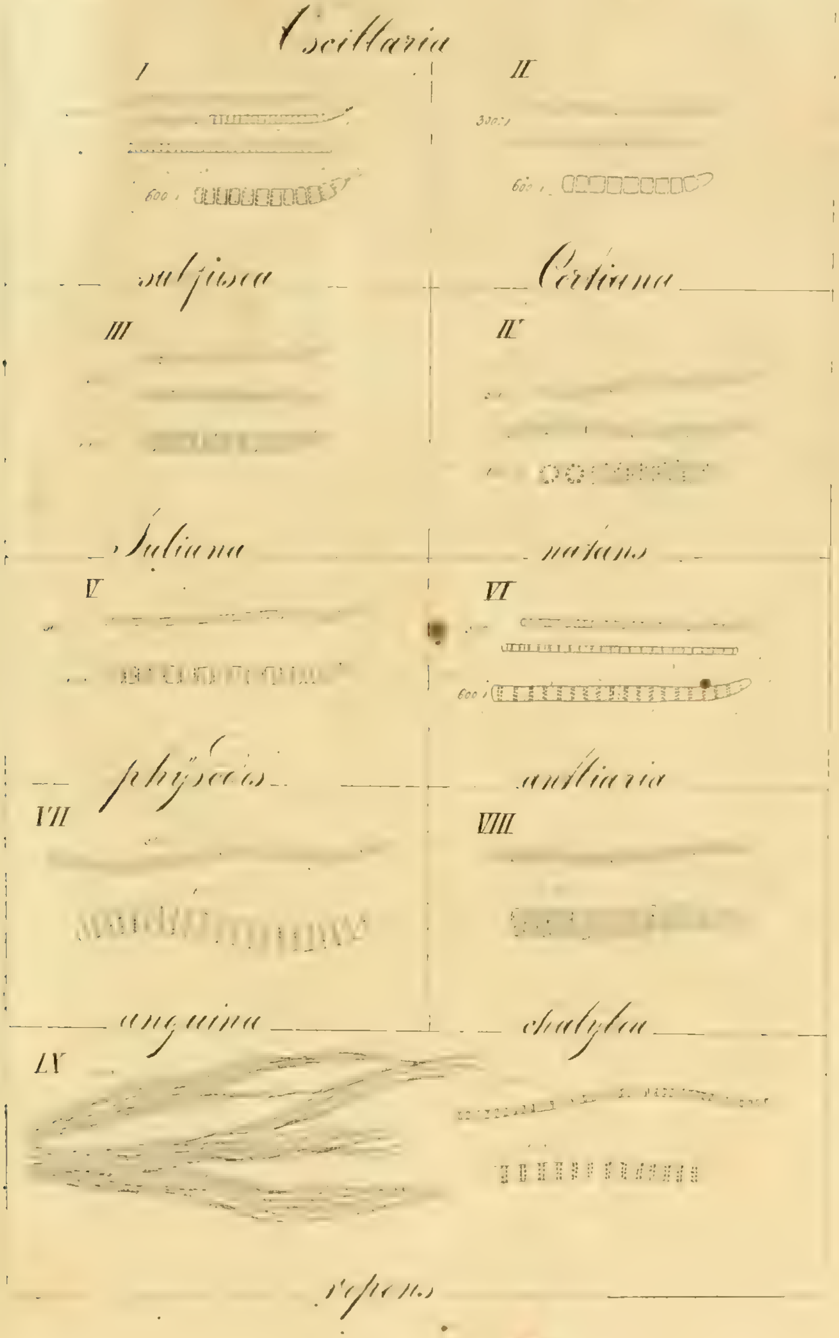

I
II
Palmella Brebissonii
IV
Hydrurus flagelliformis
Gloeocapsa compacta
V
VI
VII
VIII
IX

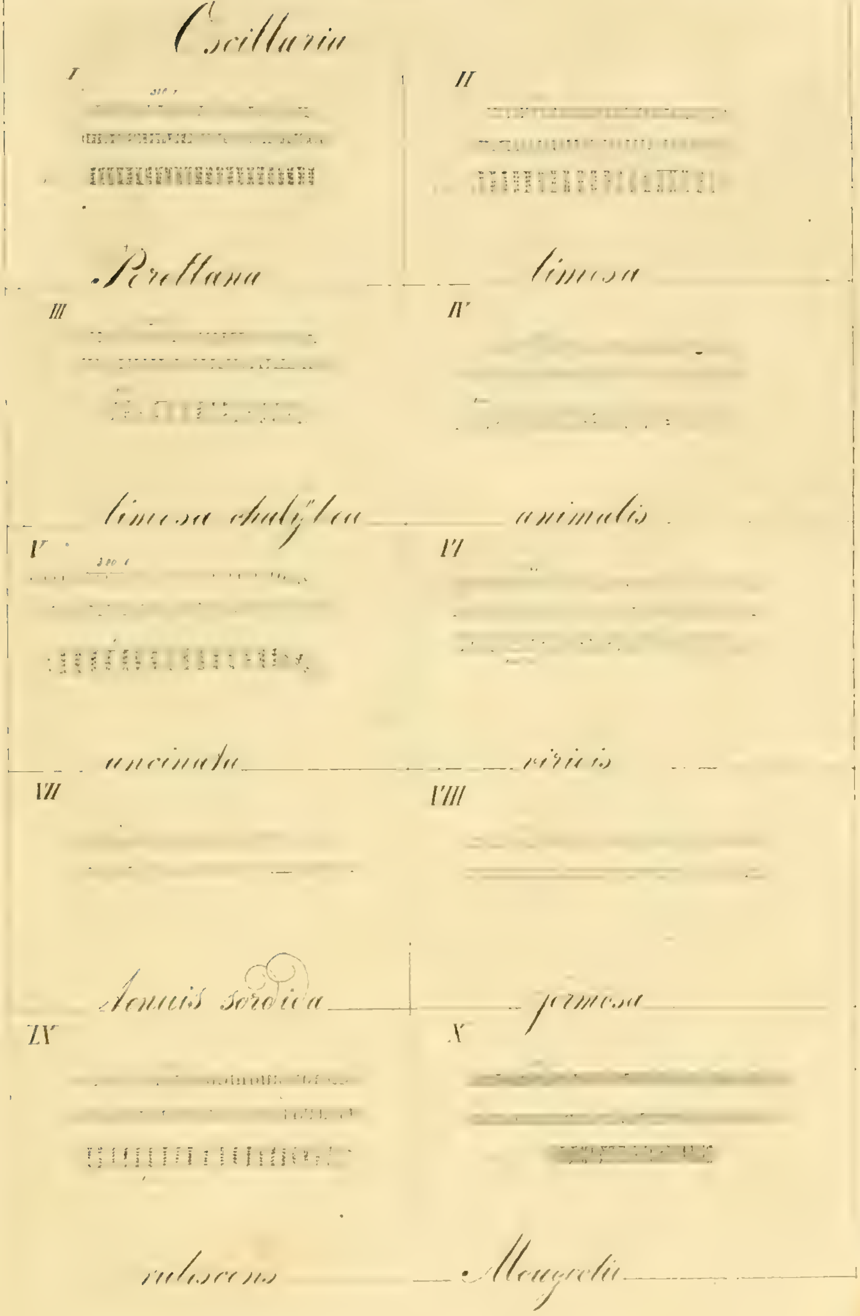
Spirulina
I
II
tenerrima
Hutchinsiae
III
IV
thermalis
tenuissima
V
VI
solitaris
subtilissima
VII
VIII
subsalsa
oscillarioides
IX
X
brevis
Zanardinii
XI
Jenneri


Oscillaria
I
II
leptomitiformis
III
Raineriana
IV
alba
V
tigrina
VI
iridescens
VII
versatilis
VIII
tenerrima
IX
subtilissima
X
leptotricha
XI
circinata
XII
elegans
XIII
spina
fenestralis

Oscillaria

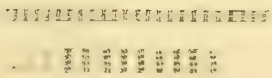

I
II
300/1
amphibia
gracillima
III
IV
chlorina
neapolitana
V
VI
300/1
Okeni
brevis
VII
VIII
terebriformis
tergestina
IX
X
300/1
aeruginoso coerulea
americana
XI
XII
purpurascens
coelestis


Oscillaria
I
II
subfusca
Cortiana
III
IV
Juliana
natans
V
VI
antliaria
VII
VIII
anguina
chalybea
IX
repens

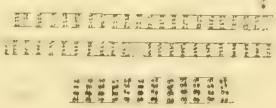

Oscillaria
I
II
Prellana
limosa
III
IV
limosa chalybea
animalis
V
VI
uncinata
viridis
VII
VIII
tenuis sordida
formosa
IX
X
rubescens
Mougeotii

Oscillaria

I

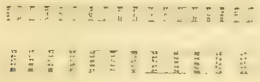


II

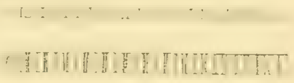


glaucescens — coerulea

III

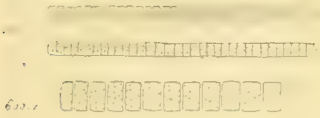


IV



nigra — irrigua

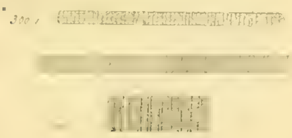
V



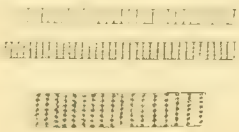
VI

subsalsa — intermixta

VII



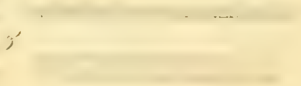
VIII



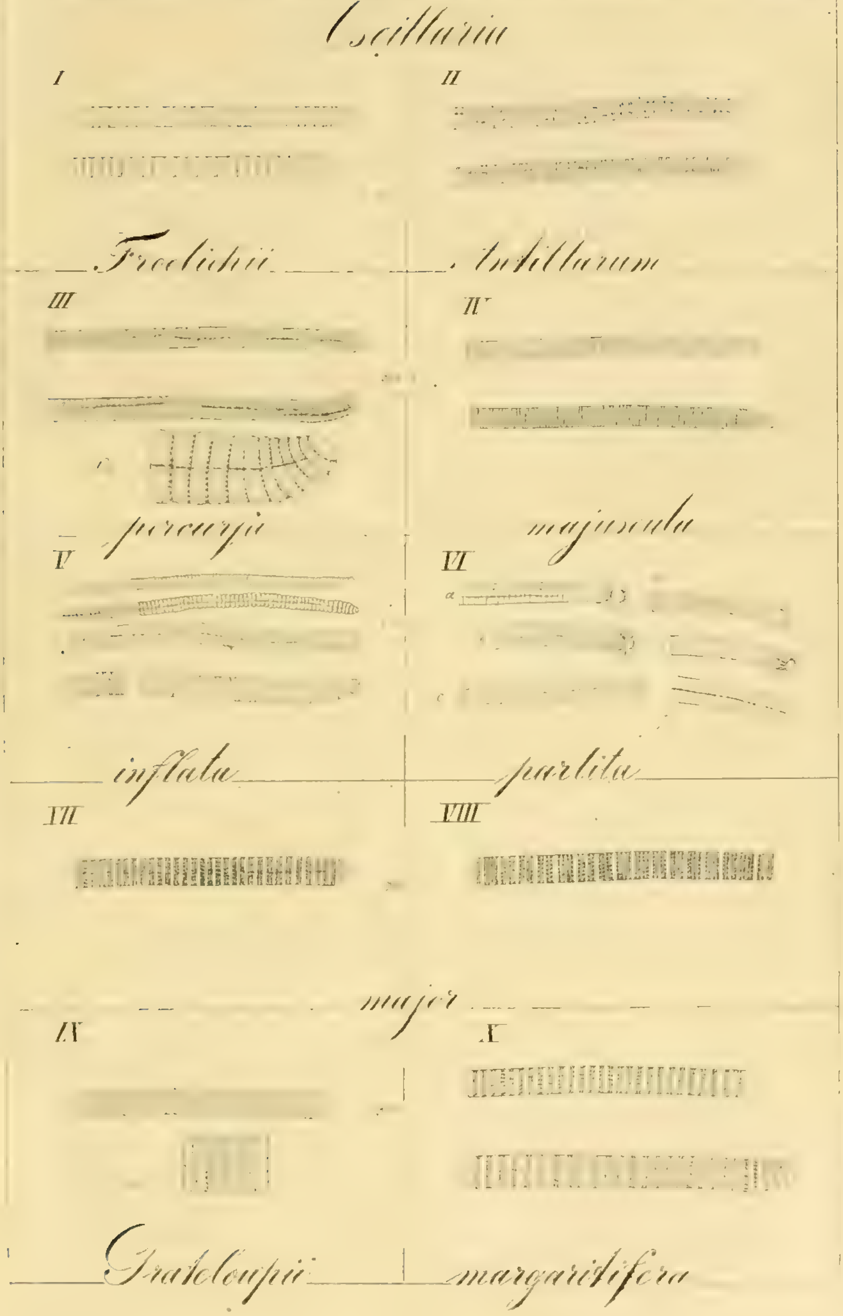
sancta — dubia

IX

X

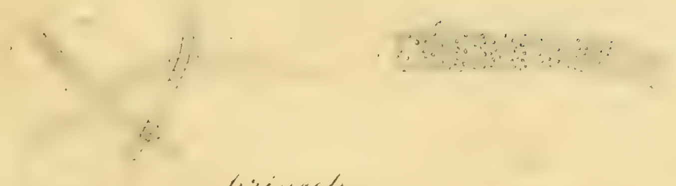


ornata


Oscillaria
I
II
Froelichii
Antillarum
III
IV
V
majuscula
VI
inflata
partita
VII
VIII
major
IX
X
Grateloupii
margaritifera

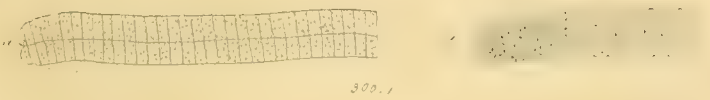
Oscillaria

I



princeps

II



maxima

III

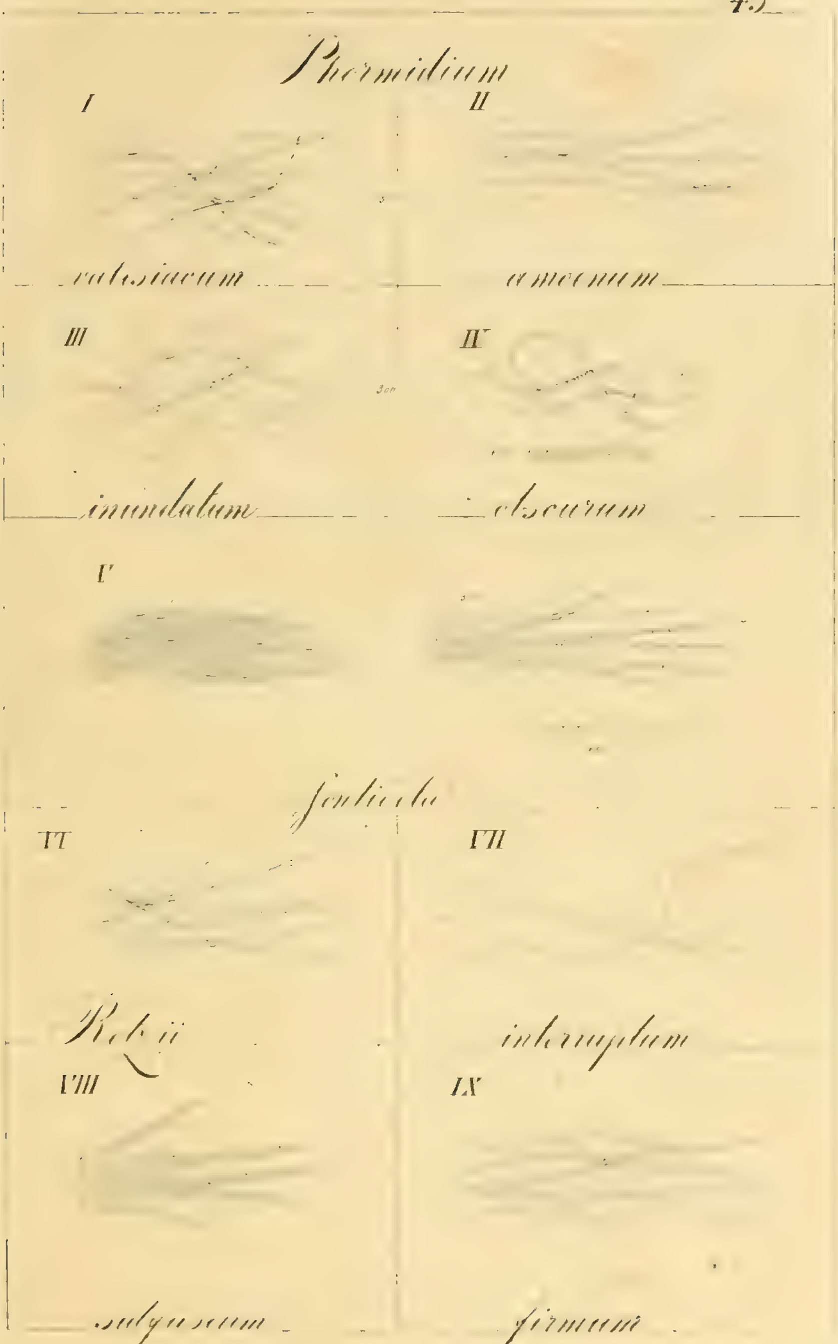
Phormidium calcareum

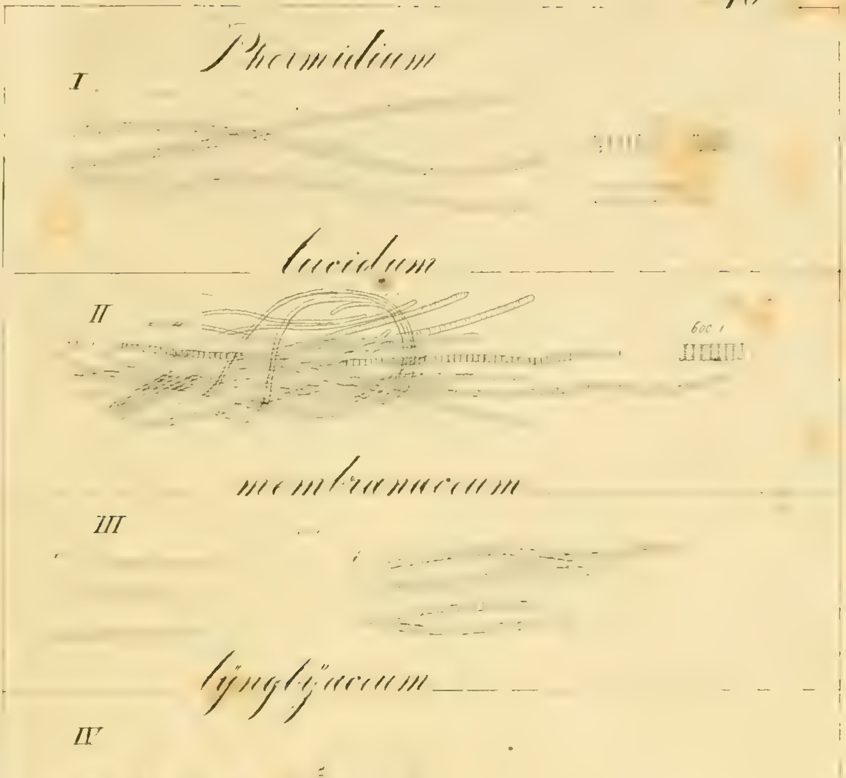
IV

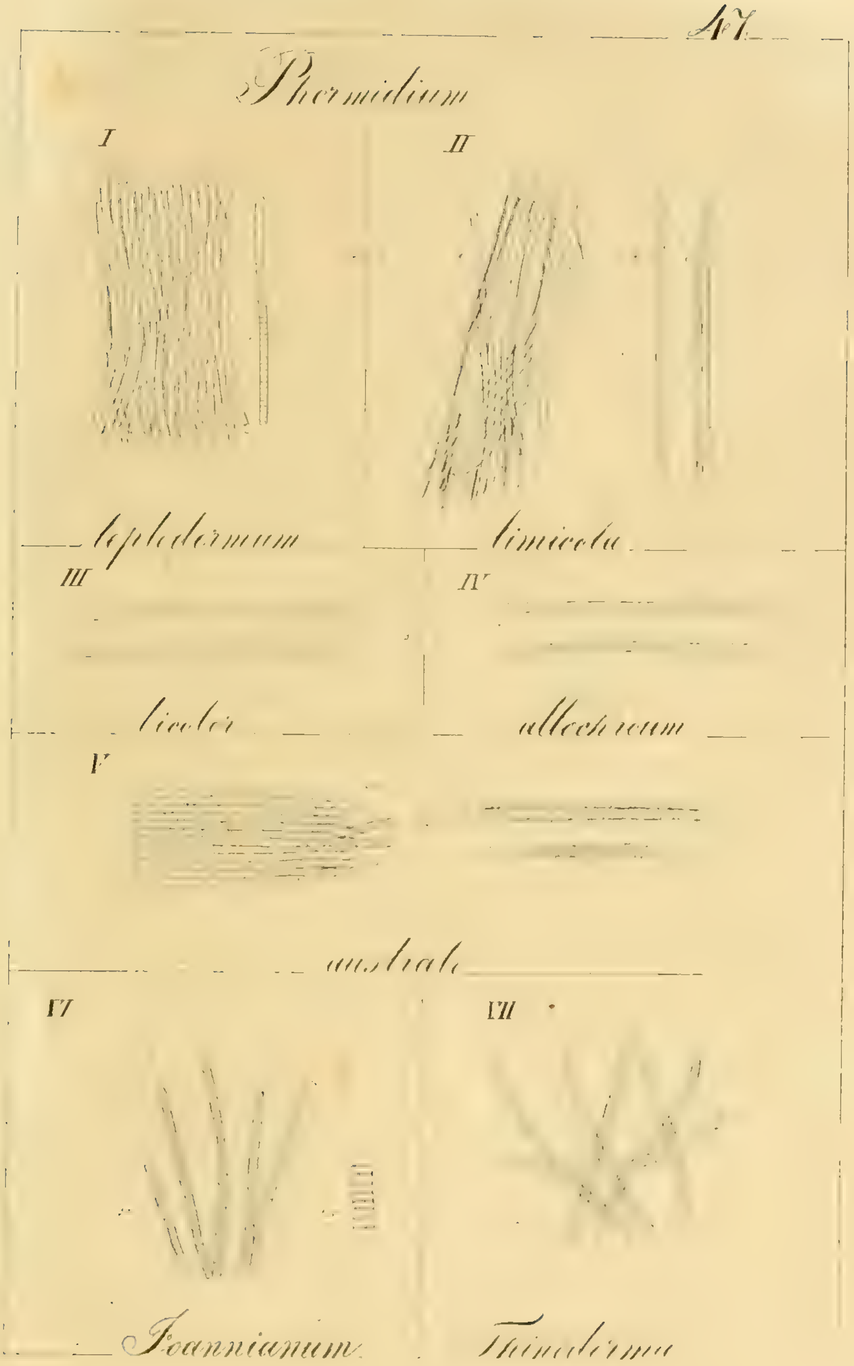
Boryanum

V

flexuosum


Phormidium
I
II
valesiacum
amoenum
III
IV
inundatum
obscurum
V
fonticola
VI
VII
interruptum
VIII
IX
subfuscum
firmum


Phormidium
I
lucidum
II
600/1
membranaceum
III
lyngbyaceum
IV
vulgare

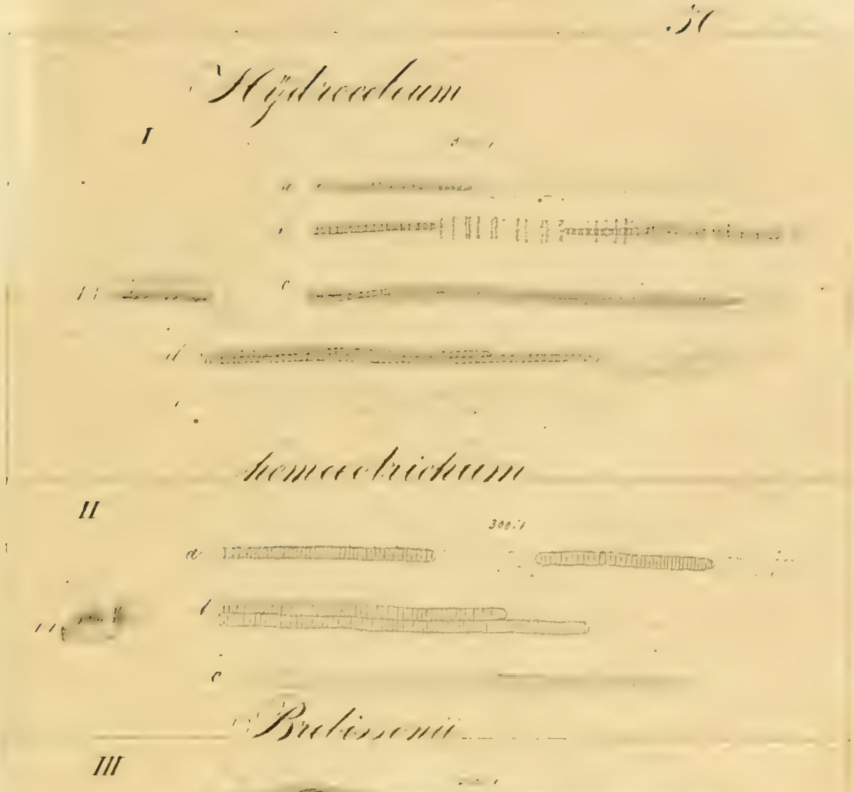


47
Phormidium
I
II
leptodermum
limicola
III
IV
bicolor
allochroum
V
australe
VI
VII
Joannianum
Thinoderma

48
Phormidium
I
spadiceum
II
pannosum
III
papyrinum
IV
Biasolettianum
V
parallelum
VI
Corium

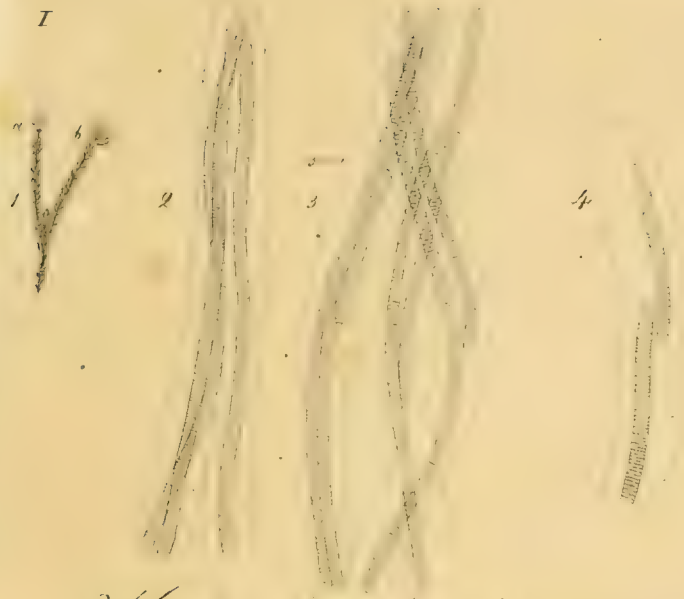
Phormidium

I
crassiusculum
II
Meneghinianum
III
tinctorium
IV
rupestre
V
subtorulosum
VI
smaragdinum
VII
fasciculatum



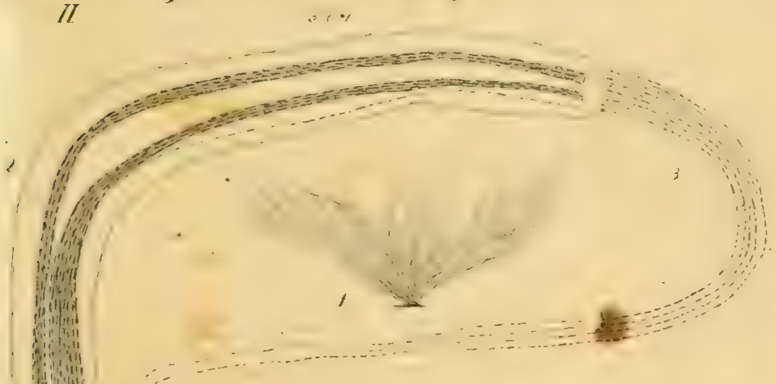
Hydrocoleum
I
homoeotrichum
II
300:1
Brebissonii
III
Meneghinianum
IV
heterotrichum

I

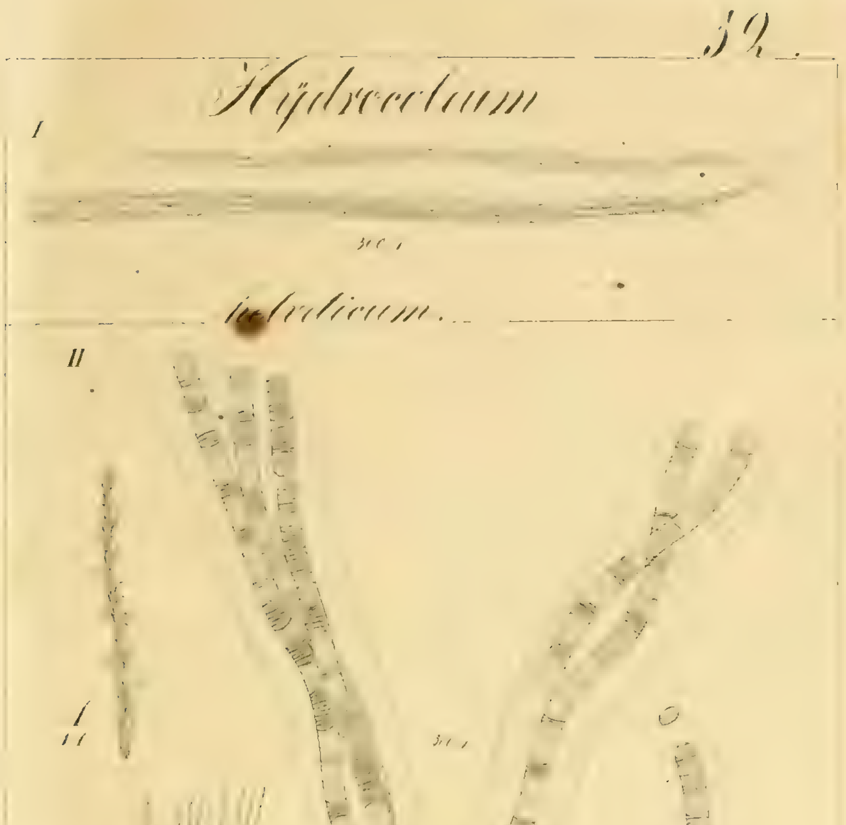


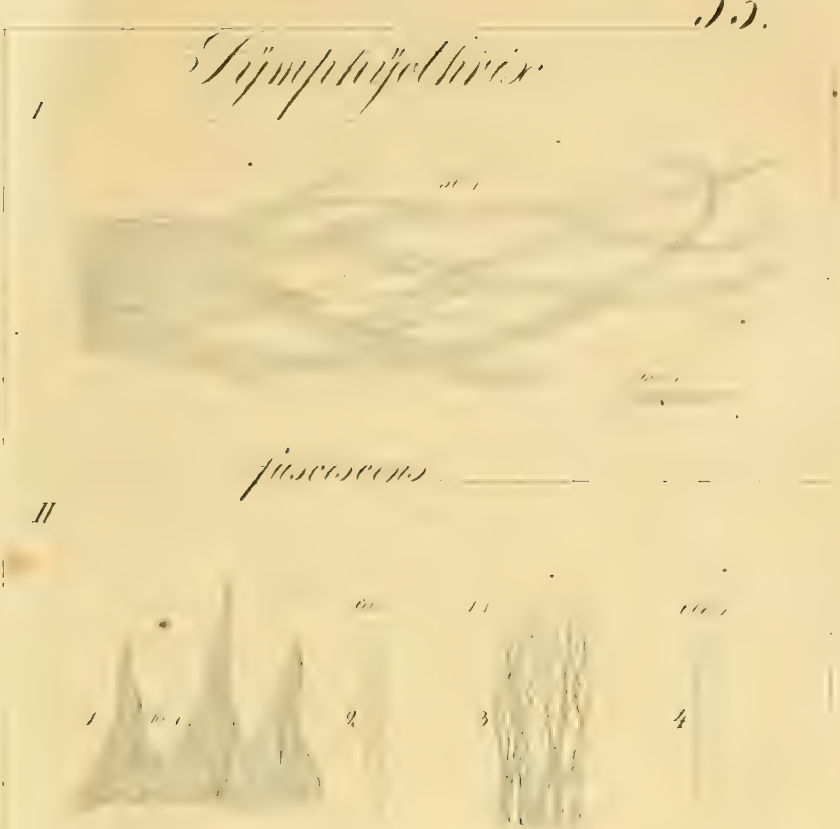
Hydrocoleum lyngbyaceum

II



Sirocoleum guianense


32.
Hydrocoleum
I
helveticum.
II
1
2
3
4
Braunii.


33.
Symphyothrix
I
fuscescens
II
1
2
3
4
thermalis
Orsiniana
III
1
2
3
fragilis.

Chthonoblastus
1
1
2
3.
repens.
II
1
2
3
Vaucheri

Chthonoblastus

I

1

2

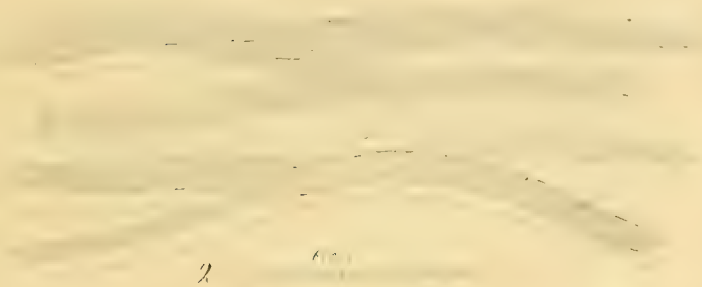
60.1

atropurpureus

II

3.1

1.



2

60.1

III

confluens

30.1

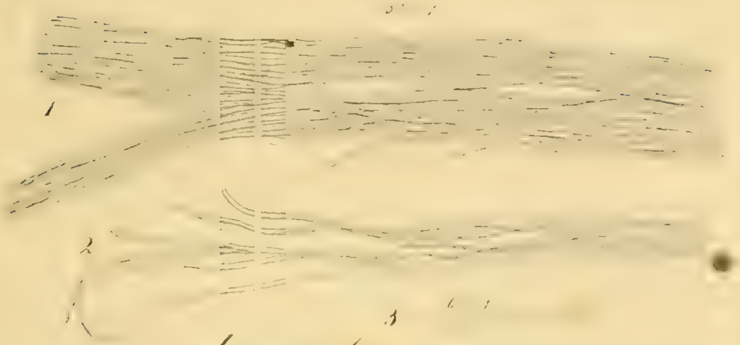
1

2

dictyothrix

Chthonoblastus

I



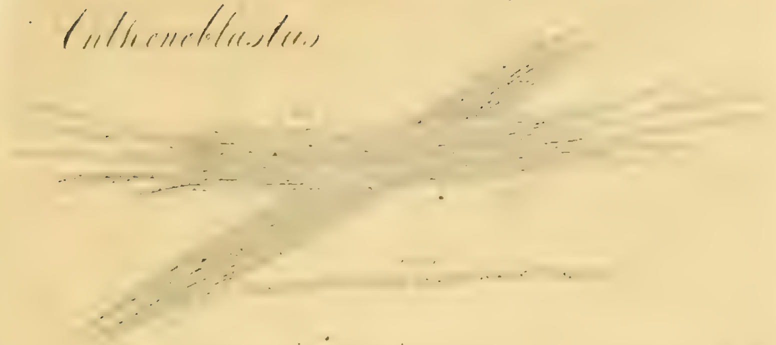
bryophilus

II

monticola

Anthenoblastus

I



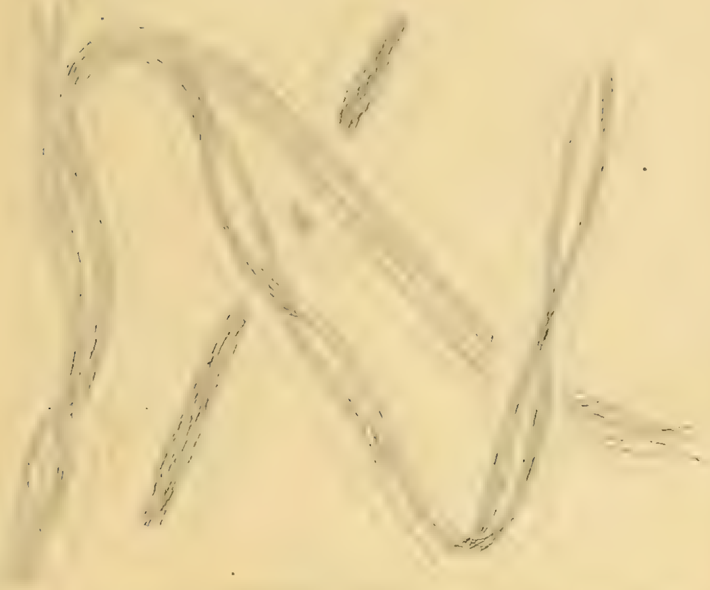
anguiformis

II

aeruginosus

MARINE BIOLOGICAL LABORATORY

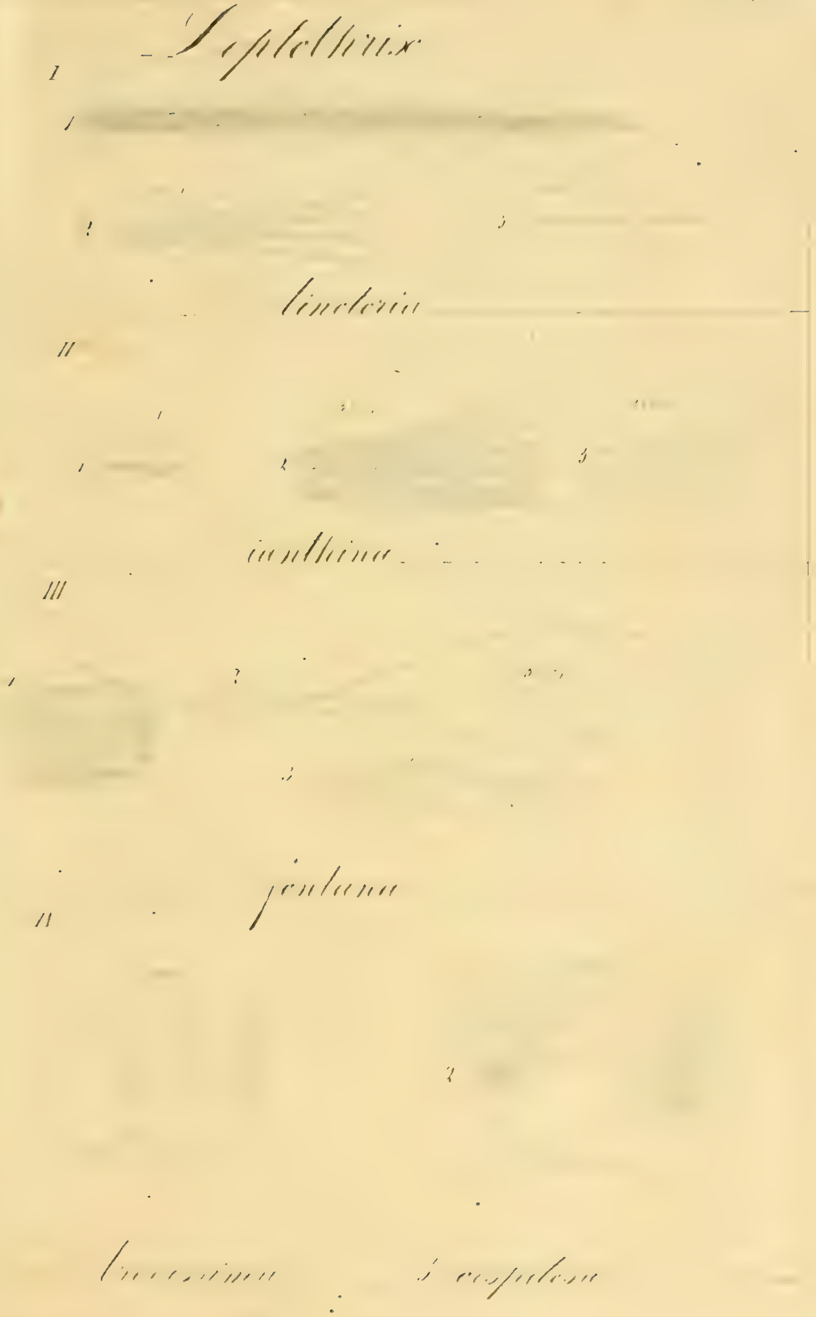
I *Culmenllastus*

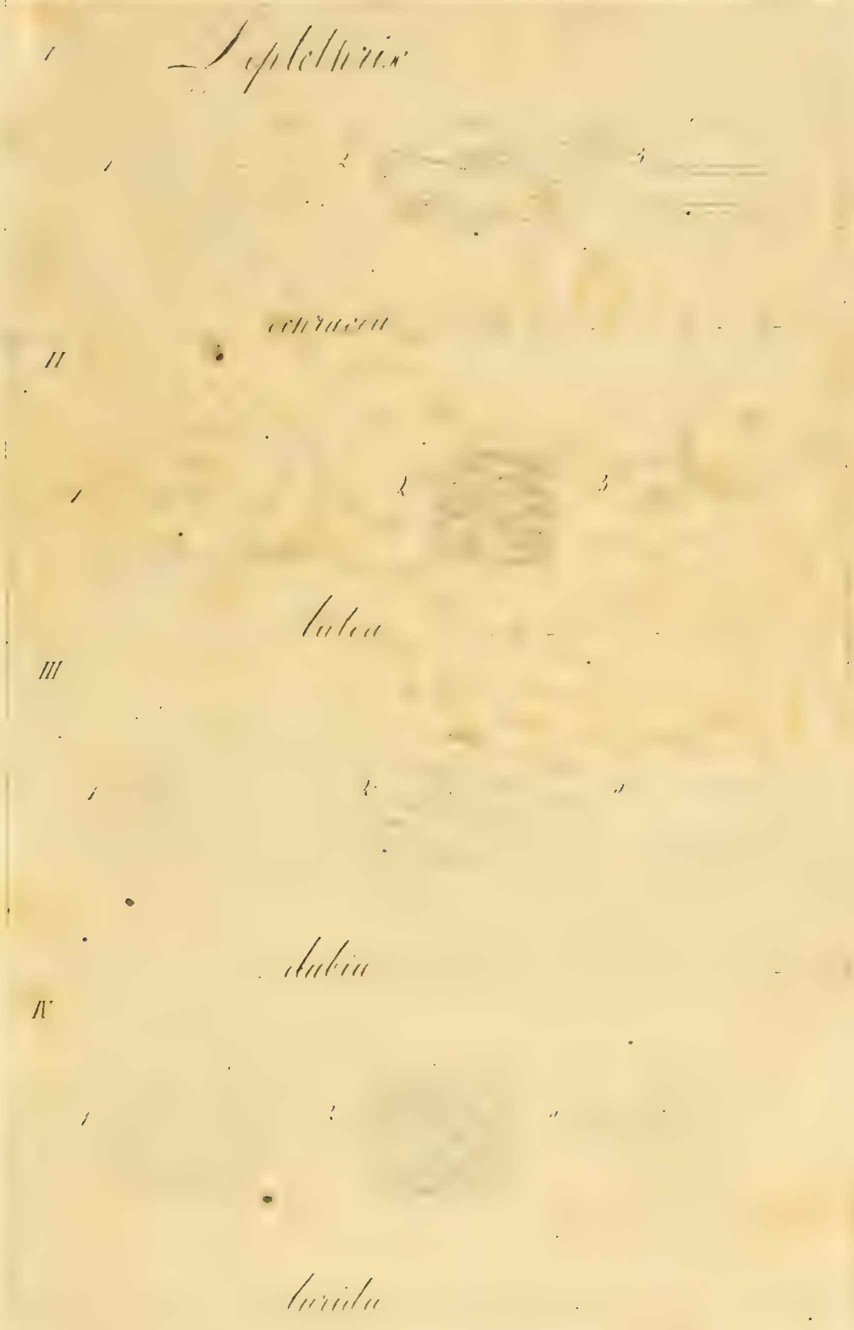


II *Sijnglijei*

salinus

I
Hydrocoleum thermale
II
Leptothrix parasitica
III
rigidula
IV
radians


Leptothrix
I
tinctoria
II
ianthina
III
fontana
II
brevissima
3 cespitosa


I
Leptothrix
1
2
3
ochracea
II
1
2
3
lutea
III
1
2
3
dubia
IV
1
2
3
lurida

62

I Lepurturia

cyanea

II

hirmosina

III

[illegible]

IV

[illegible]

I — S. pleclaris

II — D. aurygetius

III — laprima

II — cyanea

I — lunensis

purpurascens

I Diplolaena

II cingulata

III Heufleriana

IV Kützingiana

V micrantha

[illegible]

I. *Leptothrix*

II. *olivacea*

III. *subtilissima*

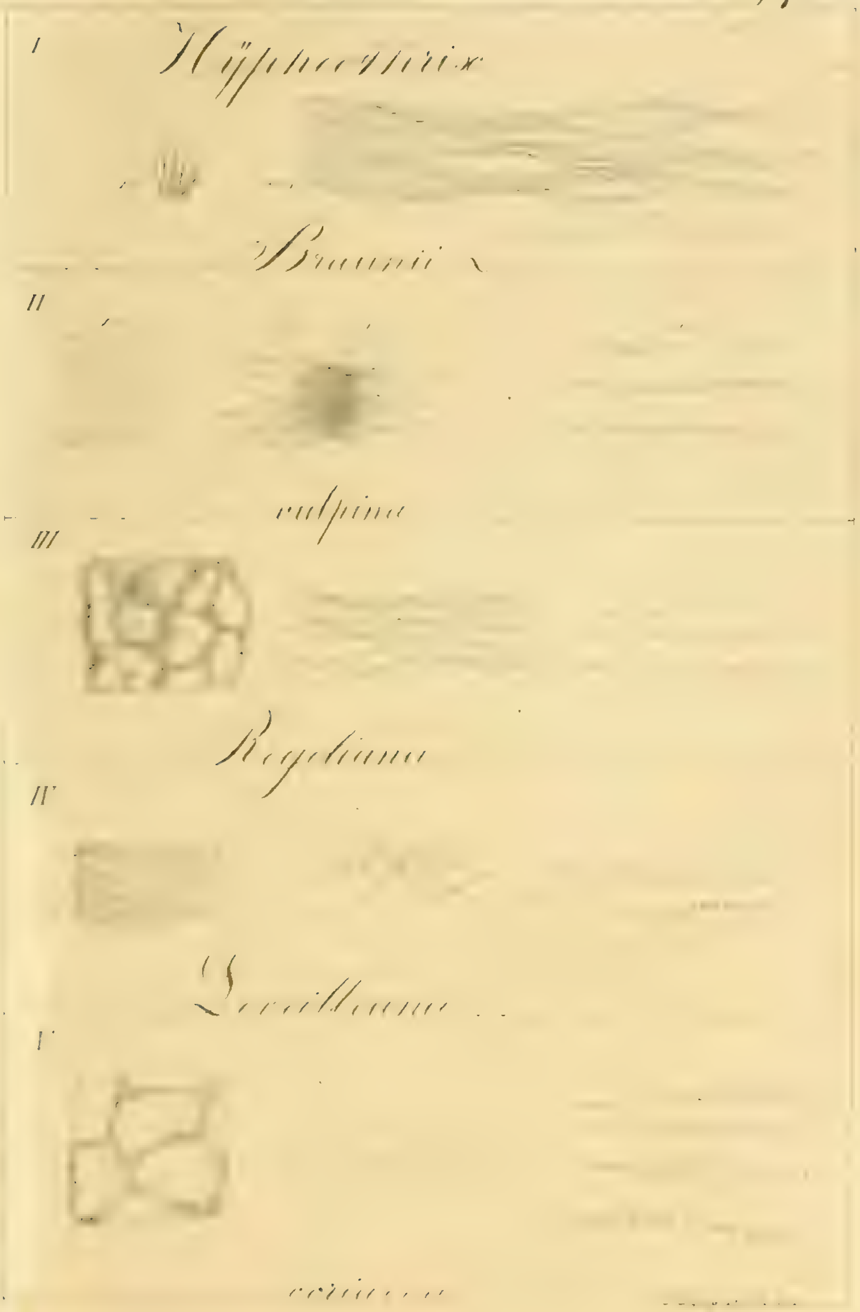
IV. *tenuissima*

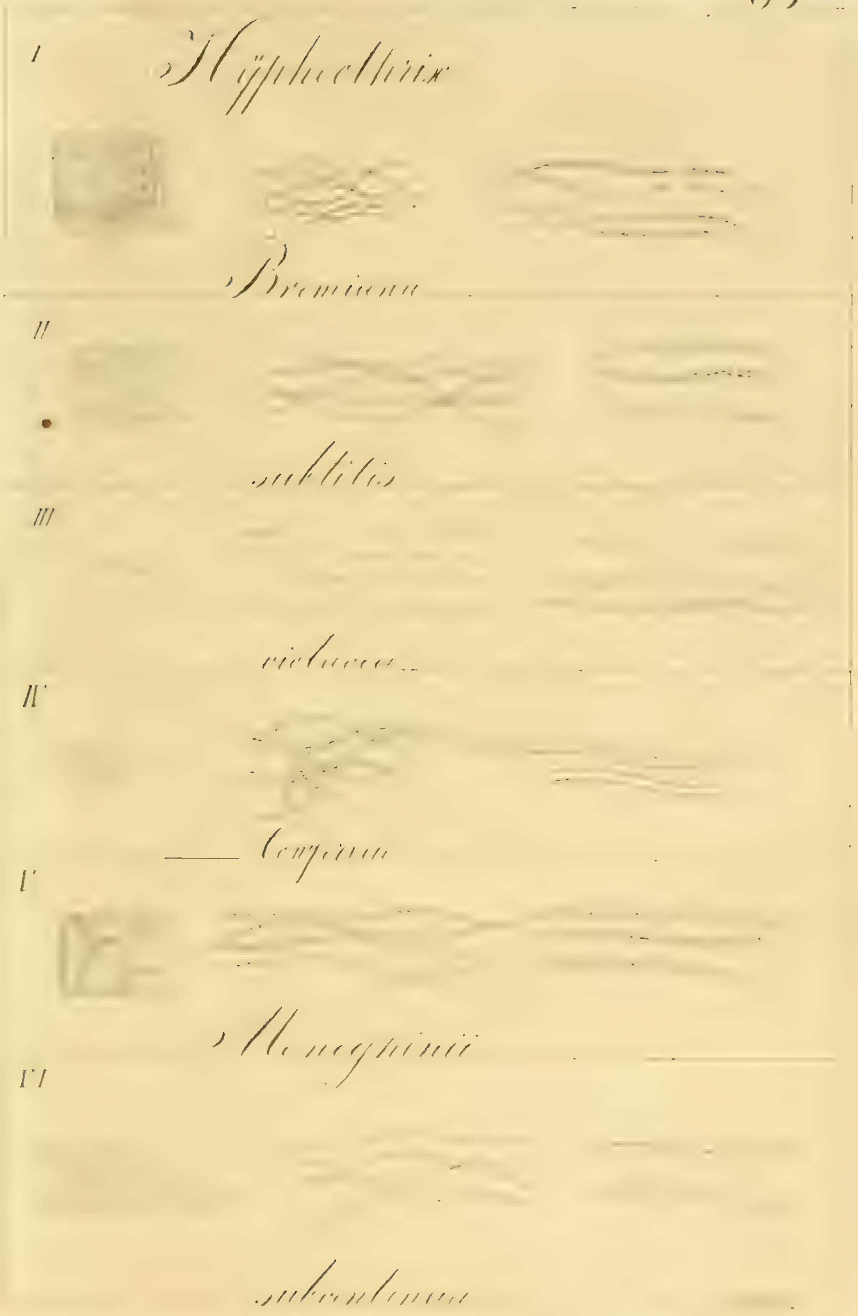
V. *pulvinata*

VI. *ochracea*

1. ? ; ;

aeruginea *spiralis*


I Hypnothrix
Braunii
II
vulpina
III
Regeliana
IV
V

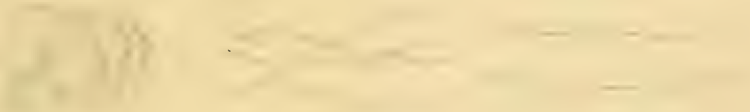

I
Hypheothrix
Bremiana
II
subtilis
III
violacea
IV
Cenziana
V
Meneghinii
VI
subcontinua

Hyphothrix

I

lateritia

II

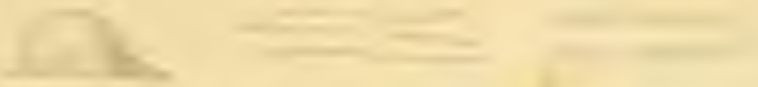


Zenkeri

III

calcarea

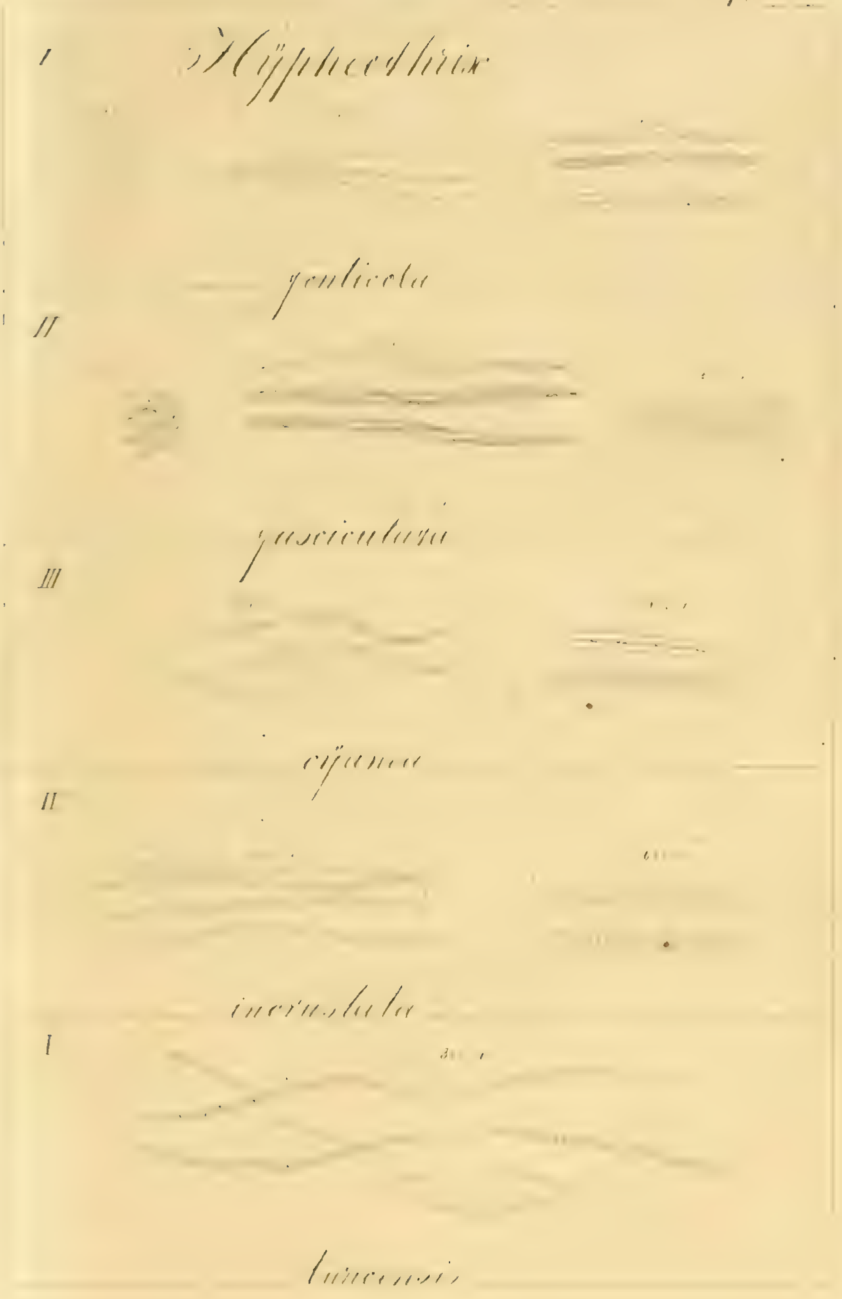
IV



Naegelii

V

pulvinata


I Hÿpheothrix
II fonticola
III fasciculata
II cÿanea
I incrustata
turicensis

11

I Hypheothrix

II lapicola

III cataractarum

IV investiens

V pallida

VI sepulcrum

delicatula

I Gloeothrix microscopica
II Dasygloea amorpha III Cnidothrix funicularis

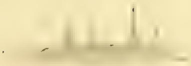
I *Symploca*

lacustris

II

rubra

III



muralis

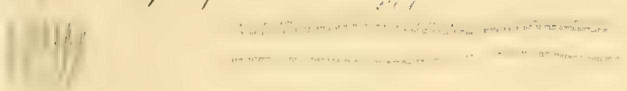
IV

Meneghiniana

V

cyanea

I *Symploca*



elegans

II

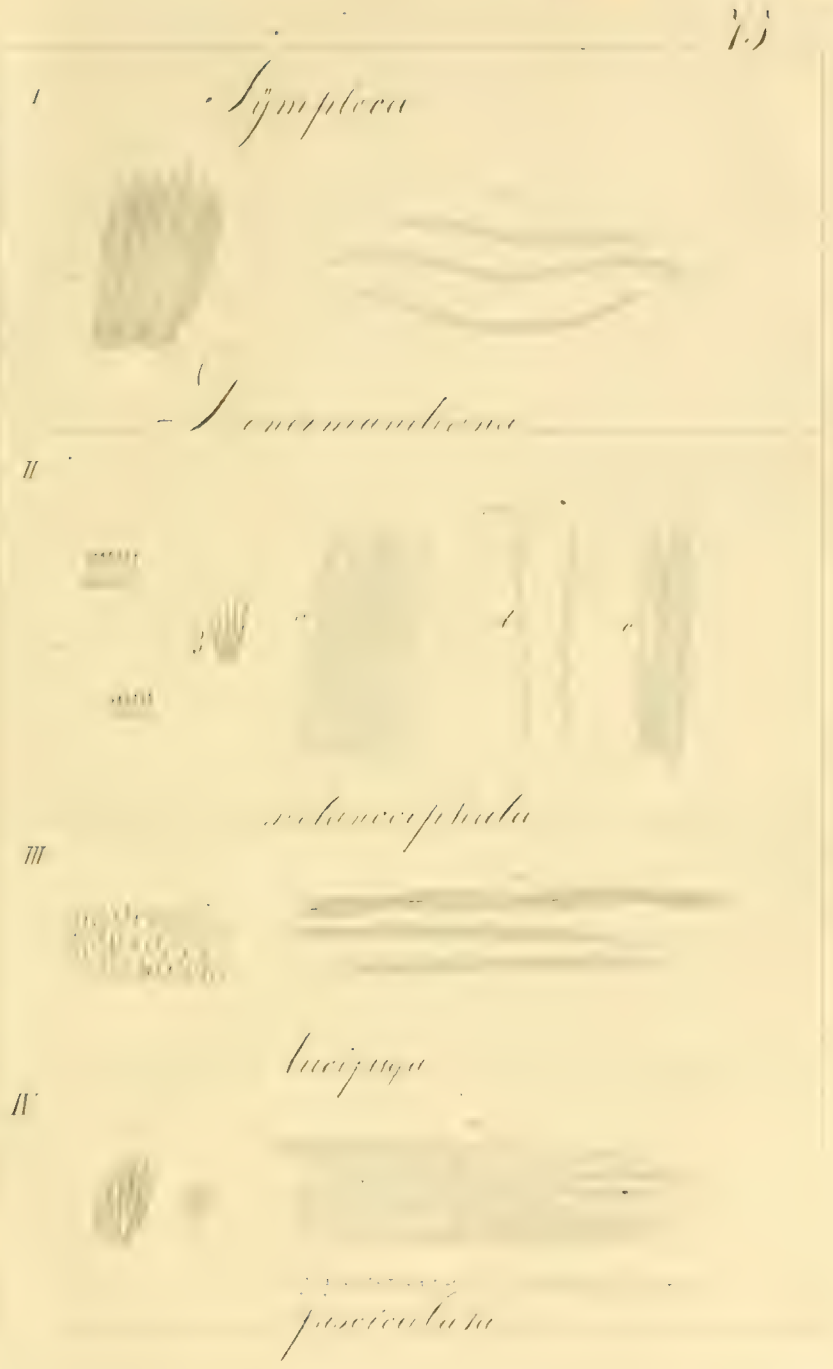
Wallrothiana

III

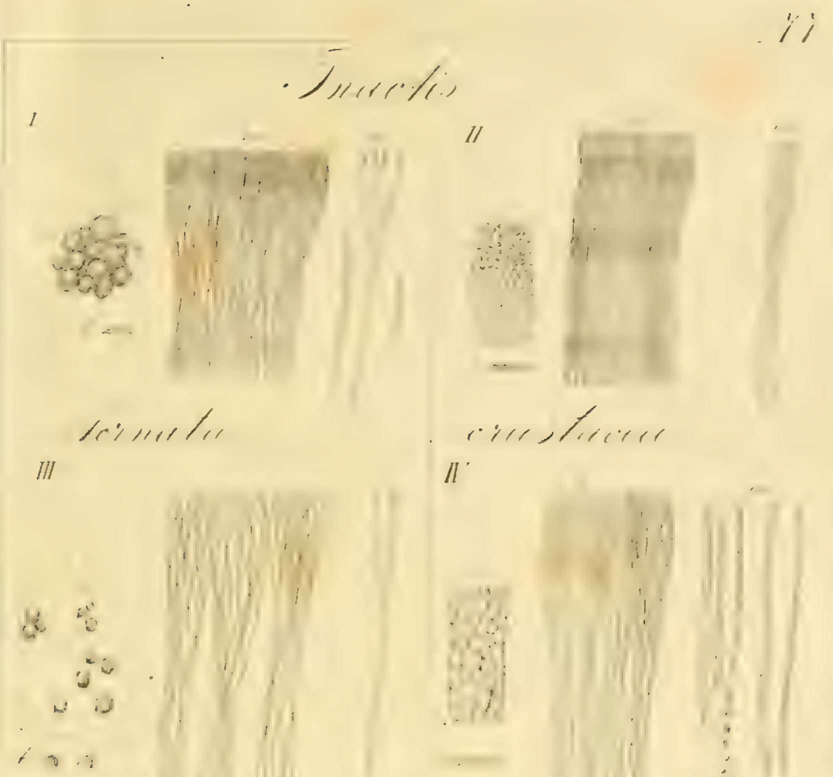
Friesiana

IV

Ralfsiana

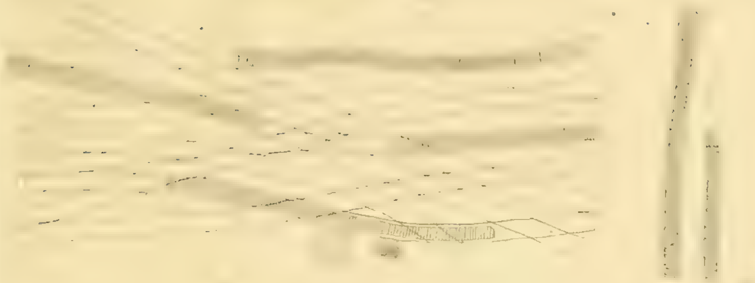

15
I Symploca
Leucomanthema
II
III melanocephala
IV lucifuga
fasciculata

I
pulchra
II
III
IV


VI
Inactis
I
II
ternata
crustacea
III
IV
pulvinata
vaginata
V
VI
italica
corsicana

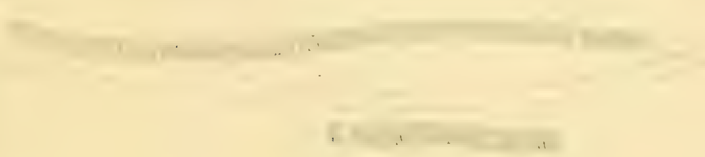
Siphoderma

I



lignyliaceum

II



curvatum

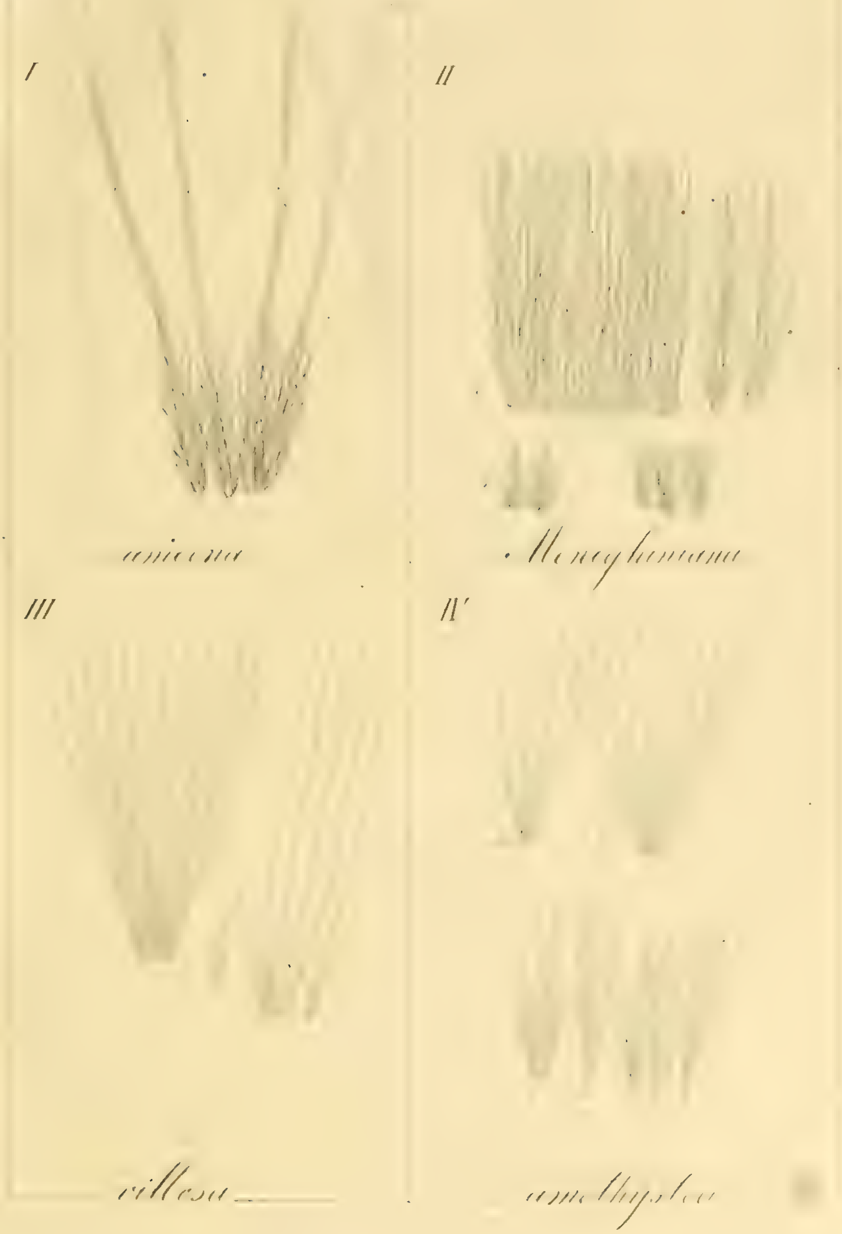
III

compactum

IV

tenue

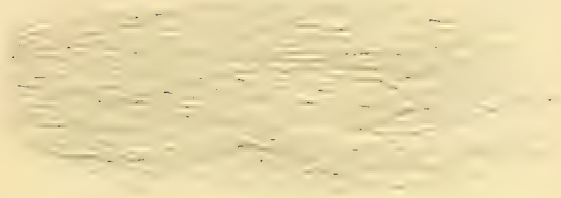
Amphithrix



I Amphitrix

hospita

II



thermalis

III

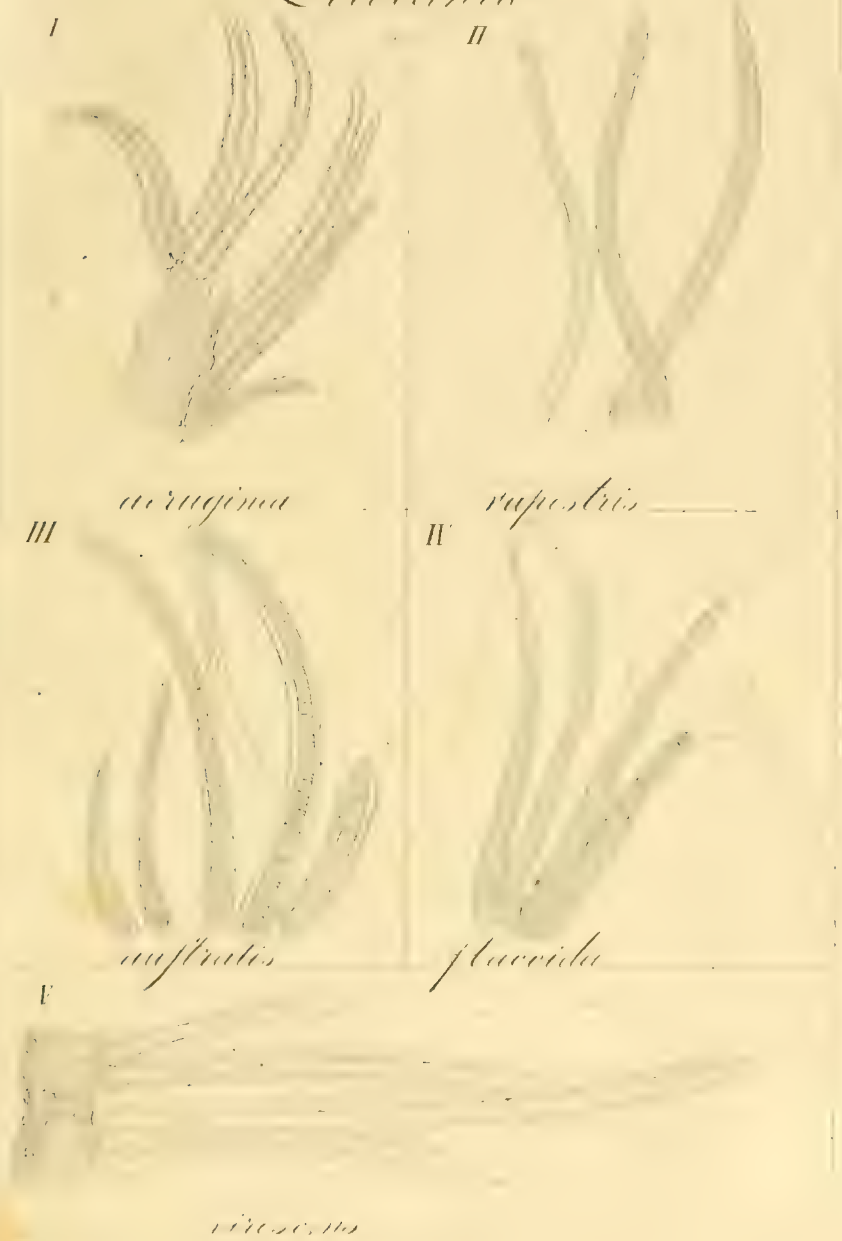
barbata

81
Amphithrix
I
crustacea
II
incrustata
III
rudis

Leibleinia

I
II
Martensiana
penicillata
III
IV
luteola
Juliana
V
VI
Cirrhina
virgata

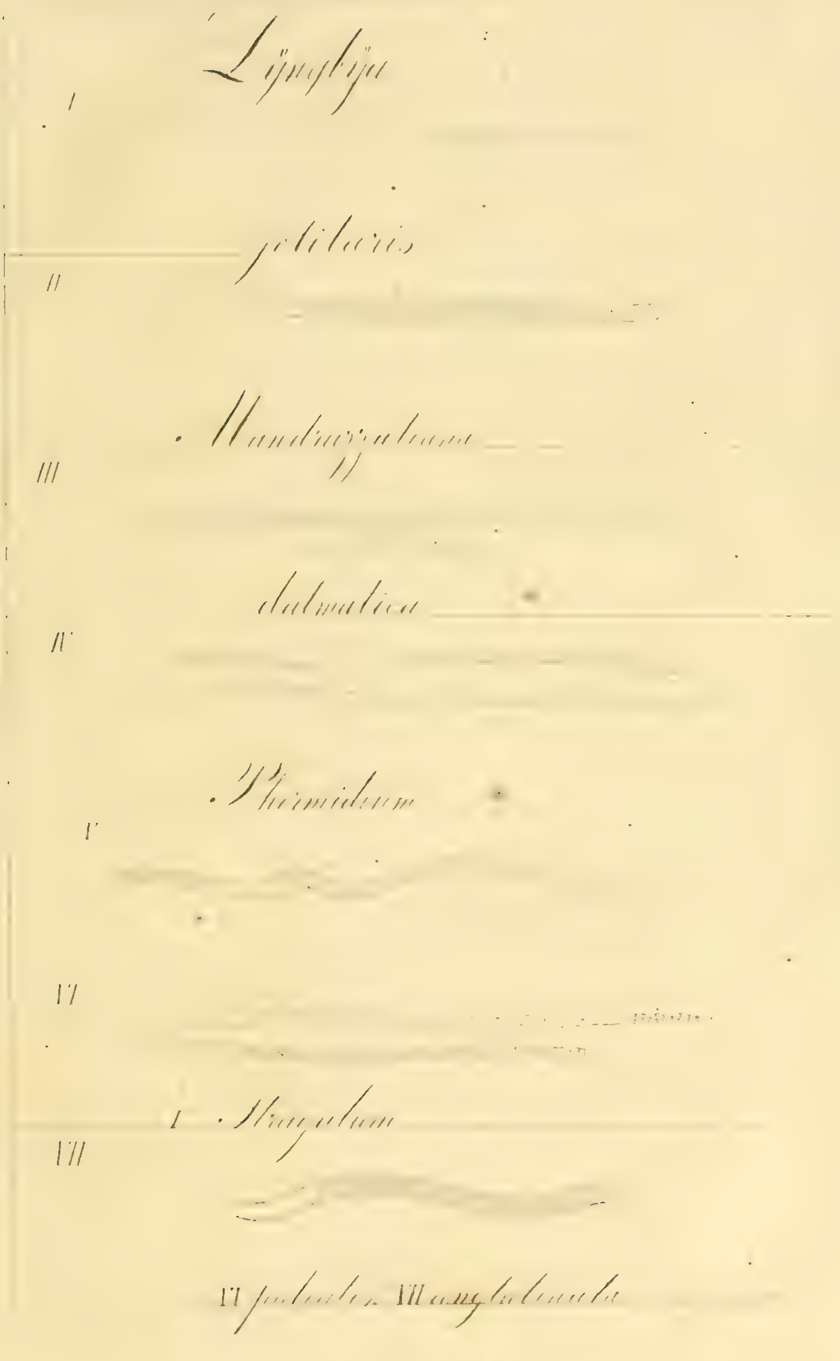
Leibleinia

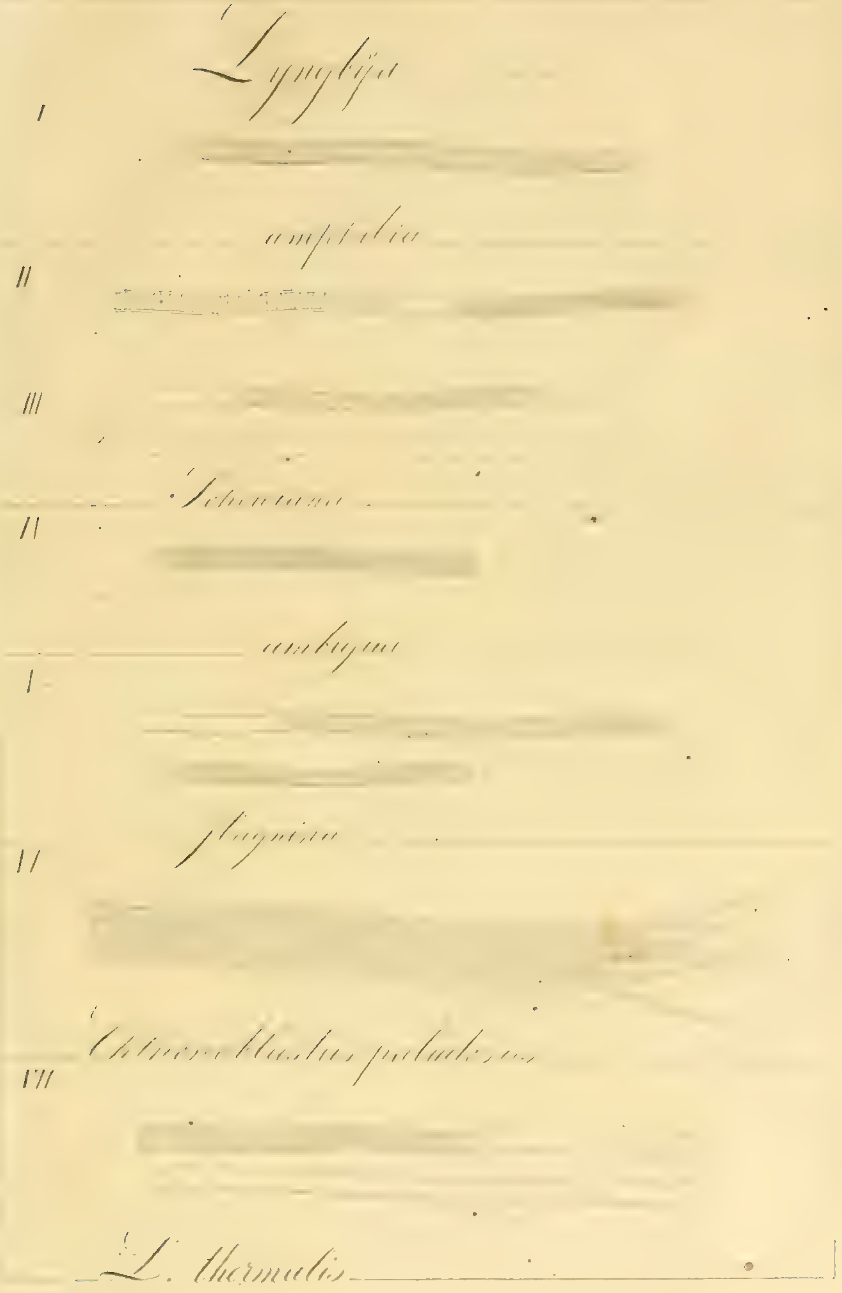

I
II
aeruginea
rupestris
III
IV
auſtralis
flaccida
V
virescens

34

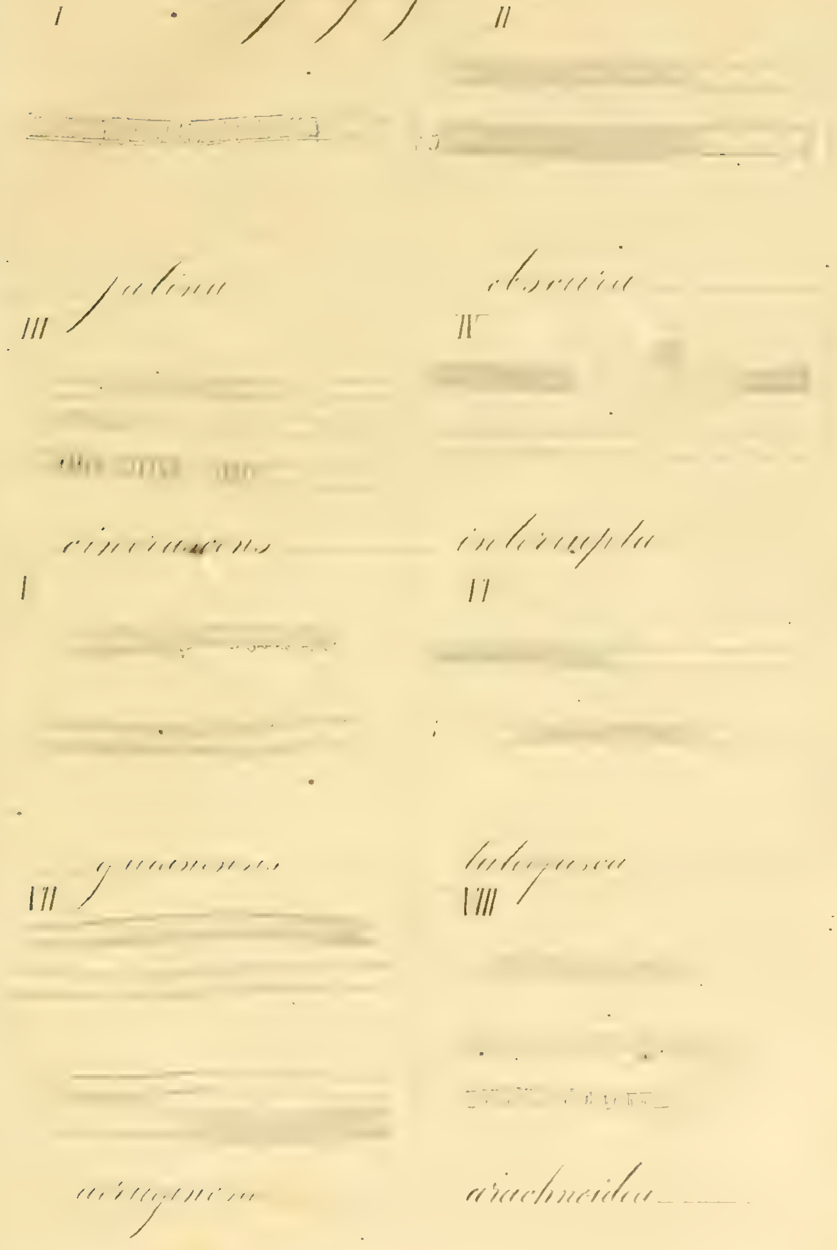
Leibleinia
I
II
chalybea
purpurea
III
Meneghiniana
IV
Hoffmanni
V
pellucida

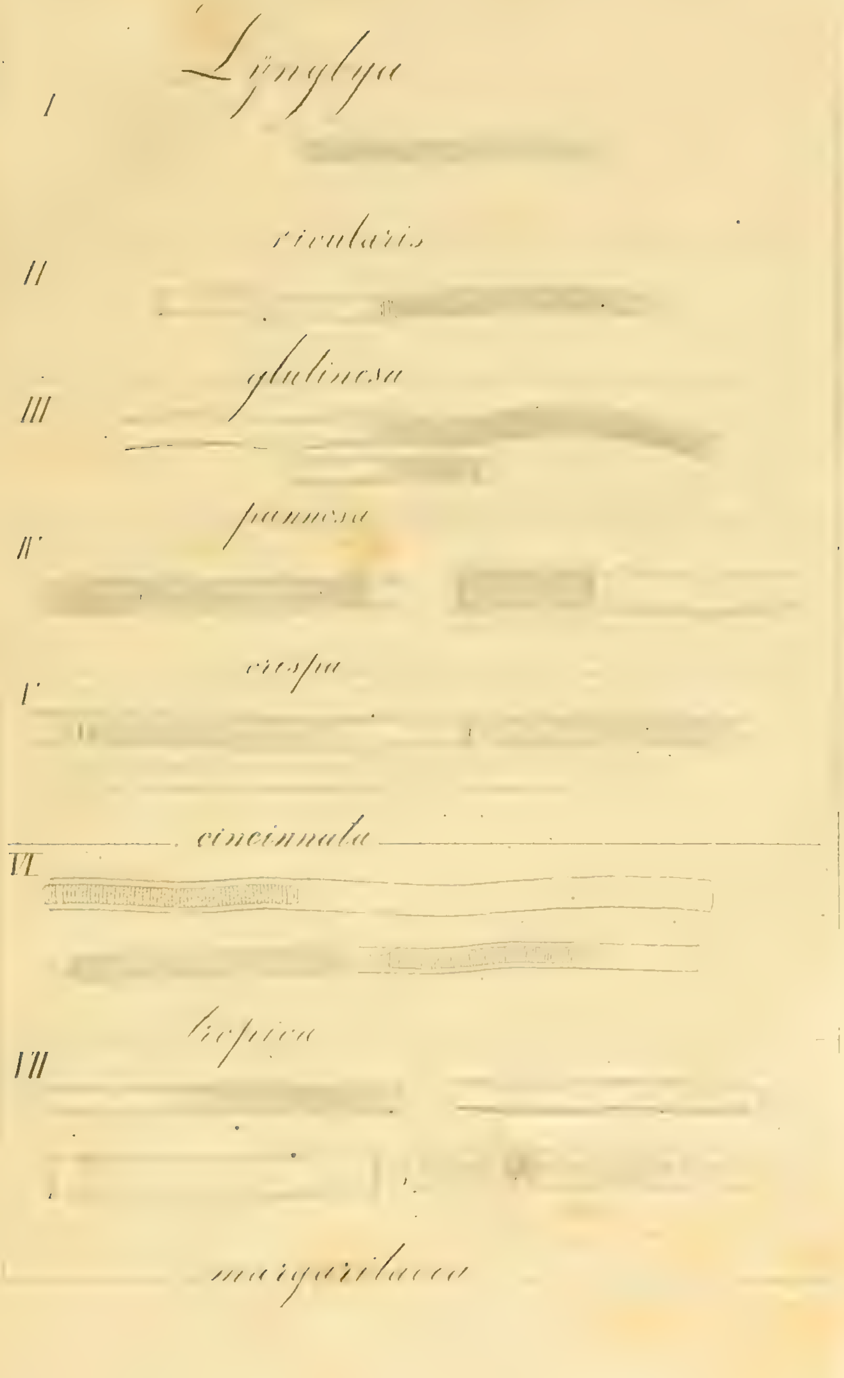
53
Leibleinia
I
II
caespitula
III
IV
V
capillacea
polychroa


Lyngbya
I
filiformis
II
III
dalmatica
IV
V
VI
VII
VI
VII


Lyngbya
I
amphibia
II
III
Schenniana
II
ambigua
I
plagiria
II
Chtonoblastus paludosus
VII
L. thermalis

Lyngbya


I
II
salina
III
obscura
IV
cinerascens
V
interrupta
VI
guianensis
VII
luteofusca
VIII
aeruginosa
arachnoidea


Lyngbya
I
rivularis
II
glutinosa
III
pannosa
IV
crispa
V
cincinnata
VI
tropica
VII
margaritacea

I *Lÿngbÿa*

II *majuscula*

III *pulcherrima*

IV *crispa*

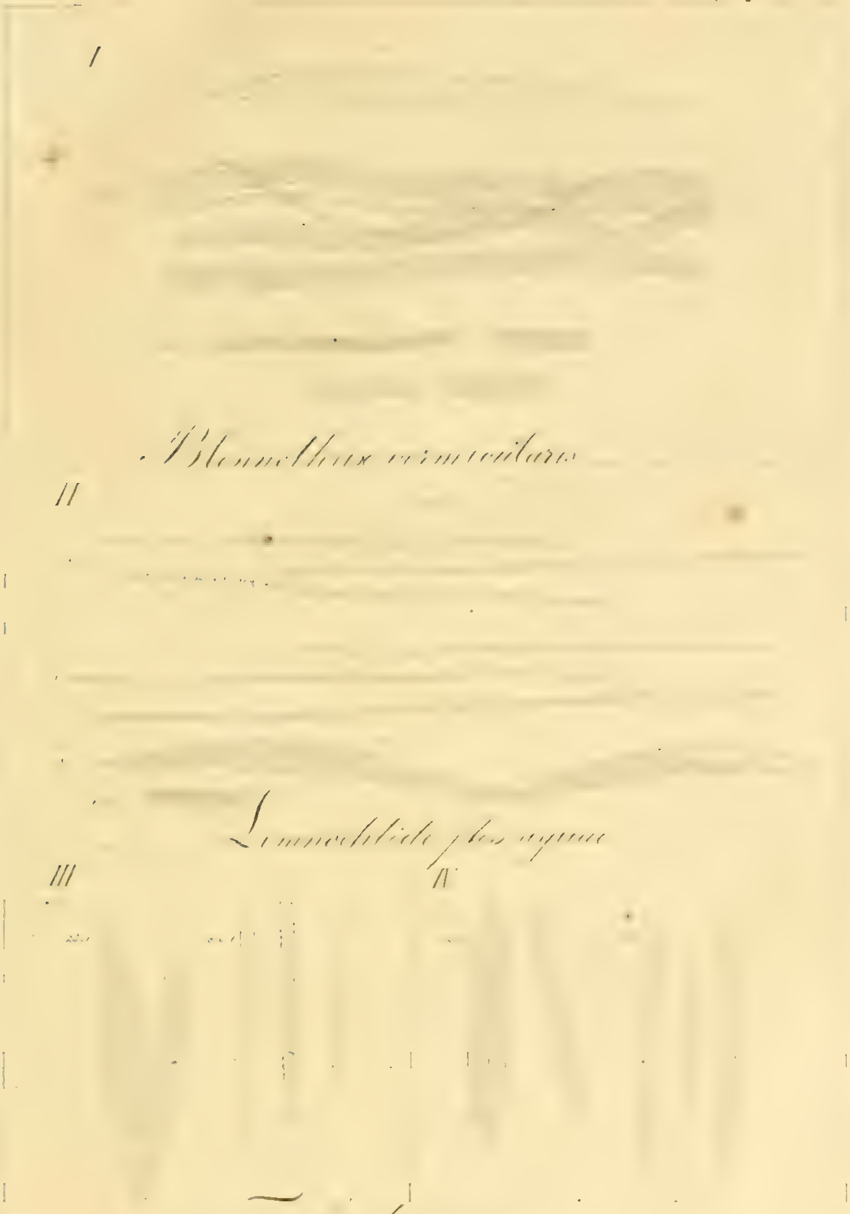
V *mauritanica*

VI *pacifica*

VII *anguina*

VIII *prasina*

major [illegible]



Blennothrix vermicularis

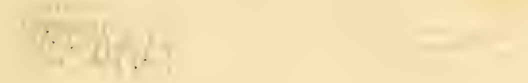
Limnochlide flos aquae

Trichodesmium

Ehrenbergii. Hindsii

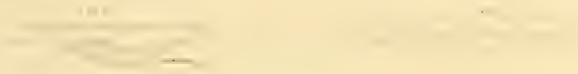
Anabaena

I



ſubtiliſsima

II



neapolitana

III

marina

IV

mollis

V

brevis

VI

cuticularis

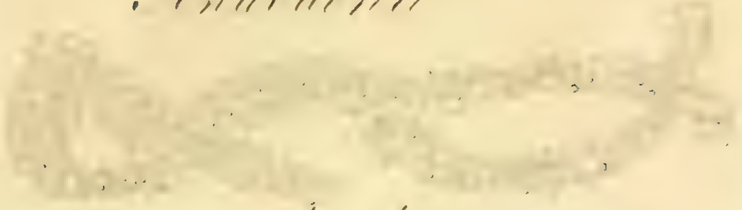
VII

Nodularia

Anabaena
I
chalybea
II
bullosa
III
vialis
IV
rudis
V
nodularia
VI
stagnalis

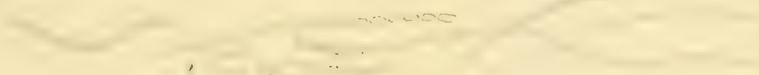
Anabaena

I



intricata

II



punctata. ? distans

III

calida

IV

flos aquae

V

obsoleta

VI VII

granularis *debilis*

VIII

infusionum

VIIII

ad [illegible]

Sphaerizza

I

II

III

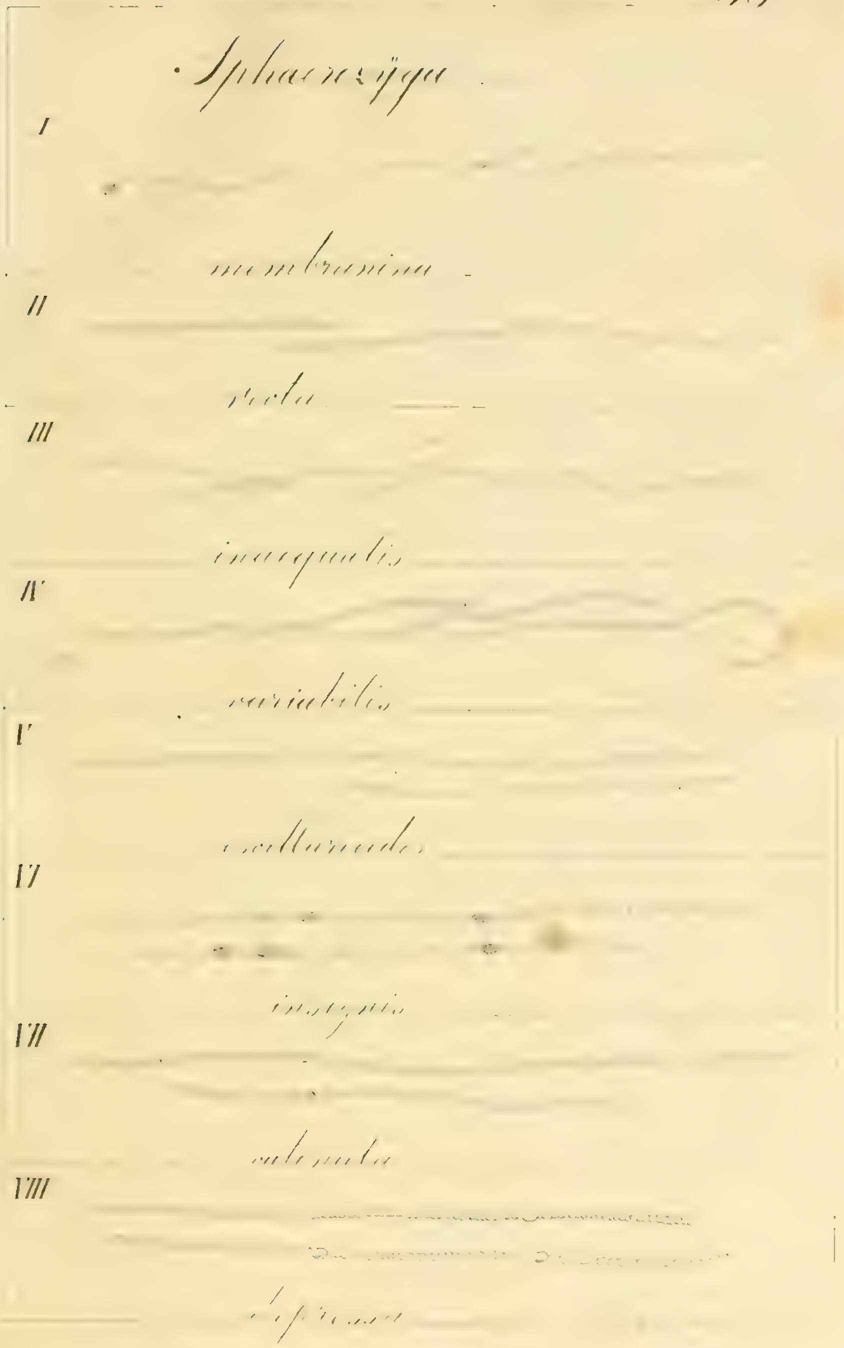
IV

V

VI

VII

VIII



Sphaerozyga

I

membranina

II

recta

III

inaequalis

IV

variabilis

V

oscillarioides

VI

insignis

VII

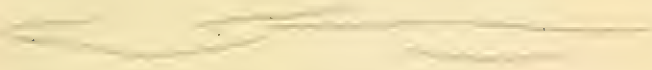
catenata

VIII

leprosa

Cylindrospermum

I



gummatiferum

II

circinale

III

spirale

IV

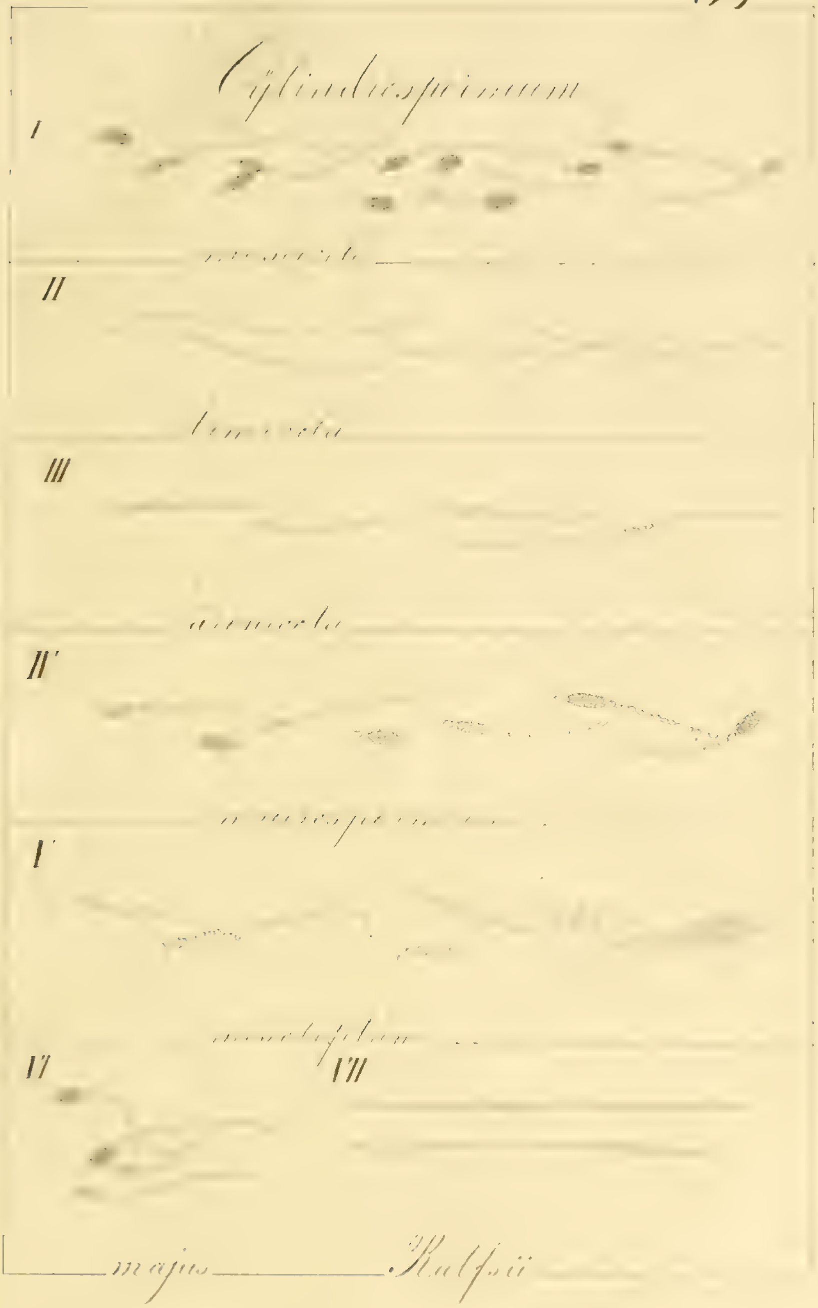
licheniforme

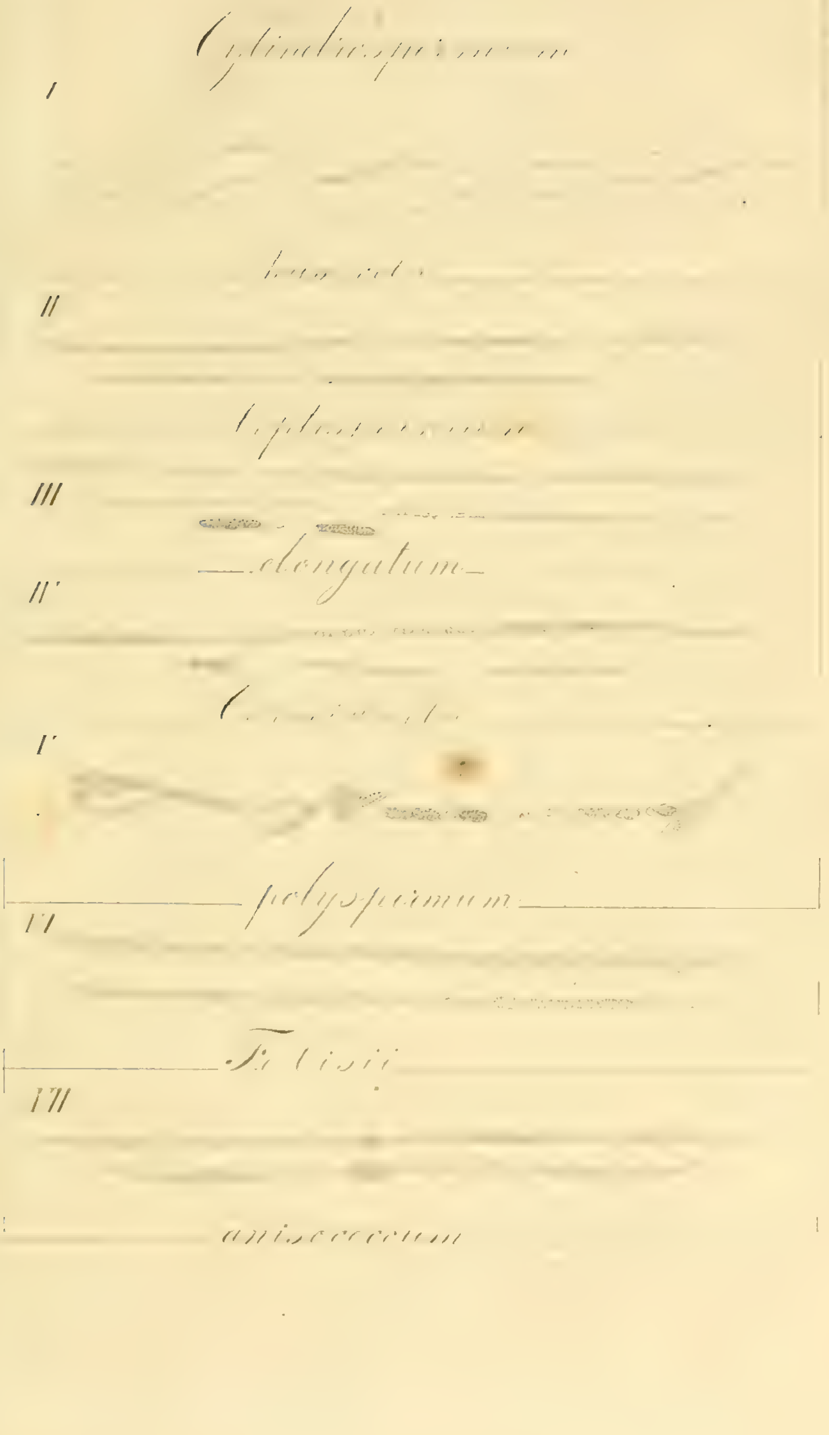
V

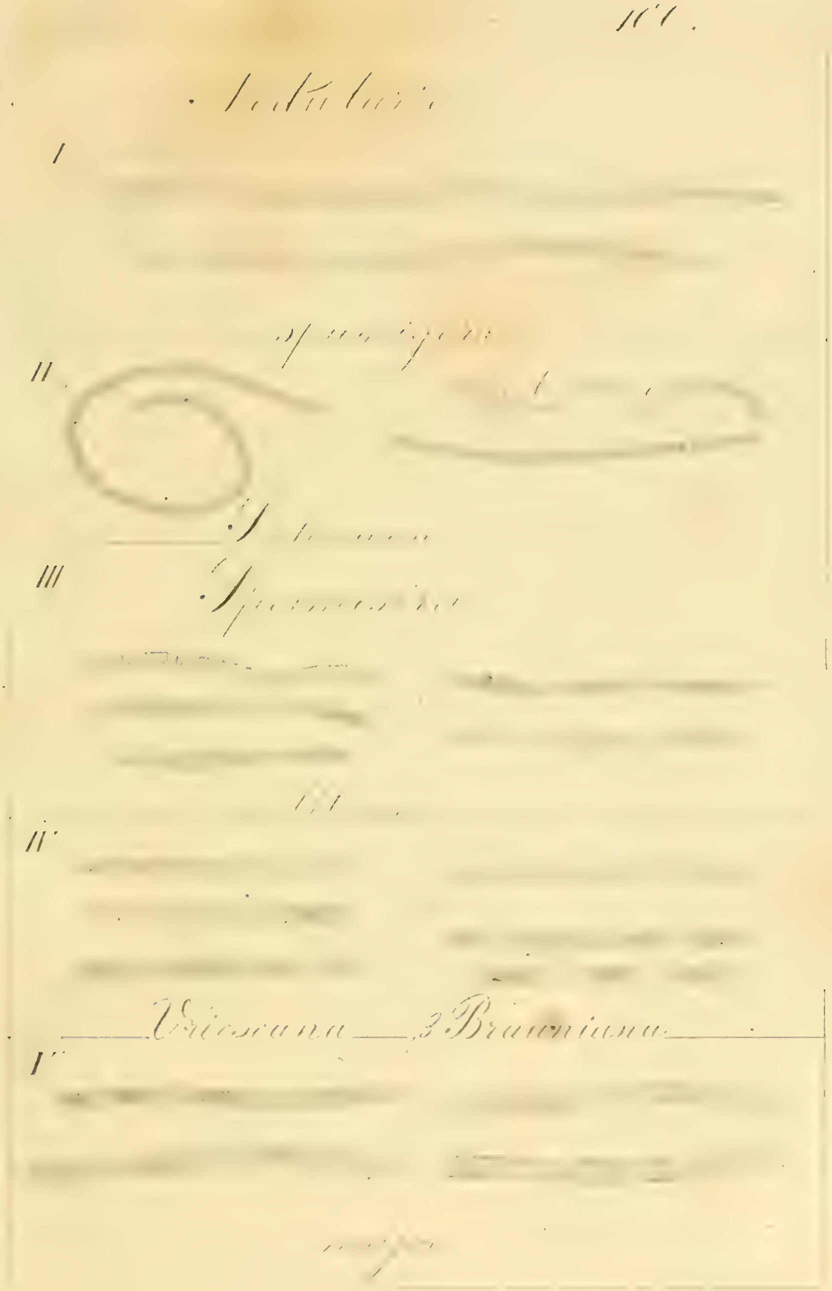
sphaericum

VI

majusculum


Cylindrospermum
I
muscicola
II
humicola
III
arenicola
IV
macrospermum
V
VI
VII
majus
Ralfsii


I
II
III
elongatum
IV
V
polyspermum
VI
VII



I
II
III
Vriesiana
3 Brauniana
V

Nostoc

I

rupestre

II

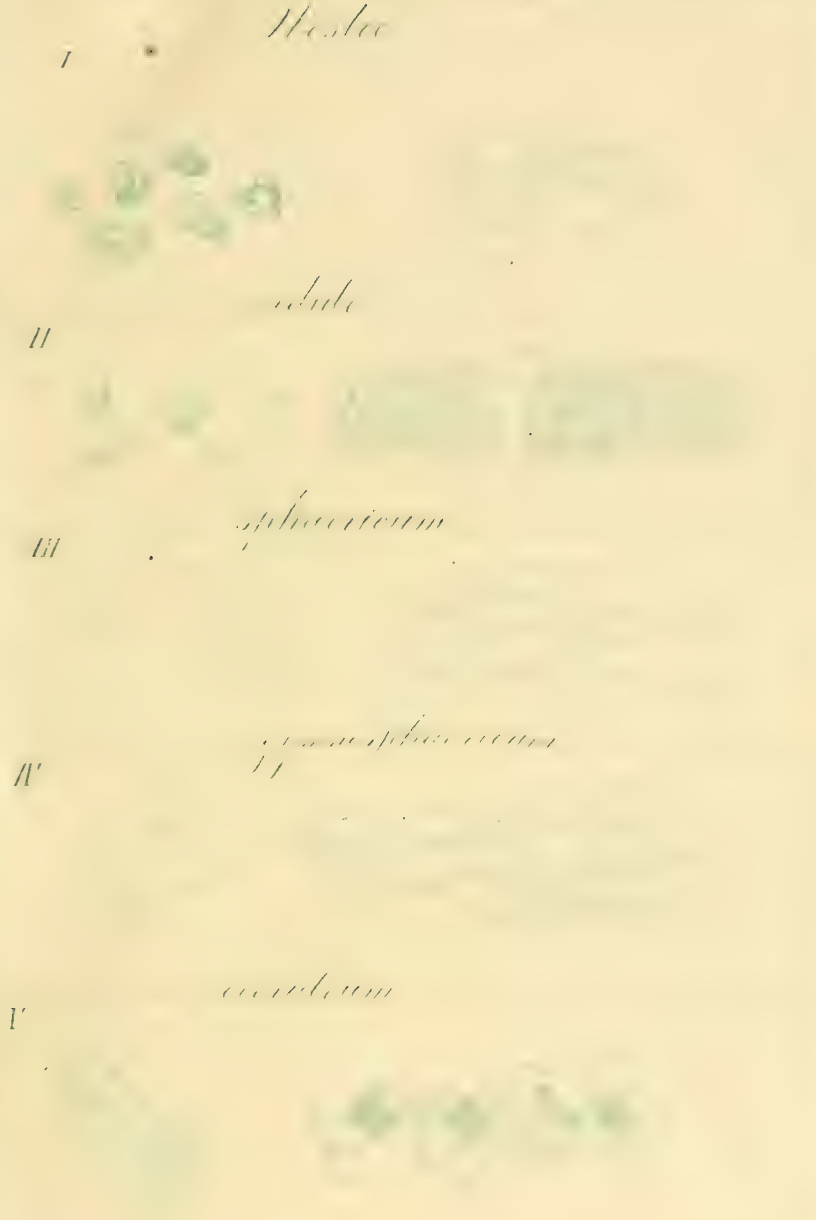
gregarium

III

lichenoides

IV

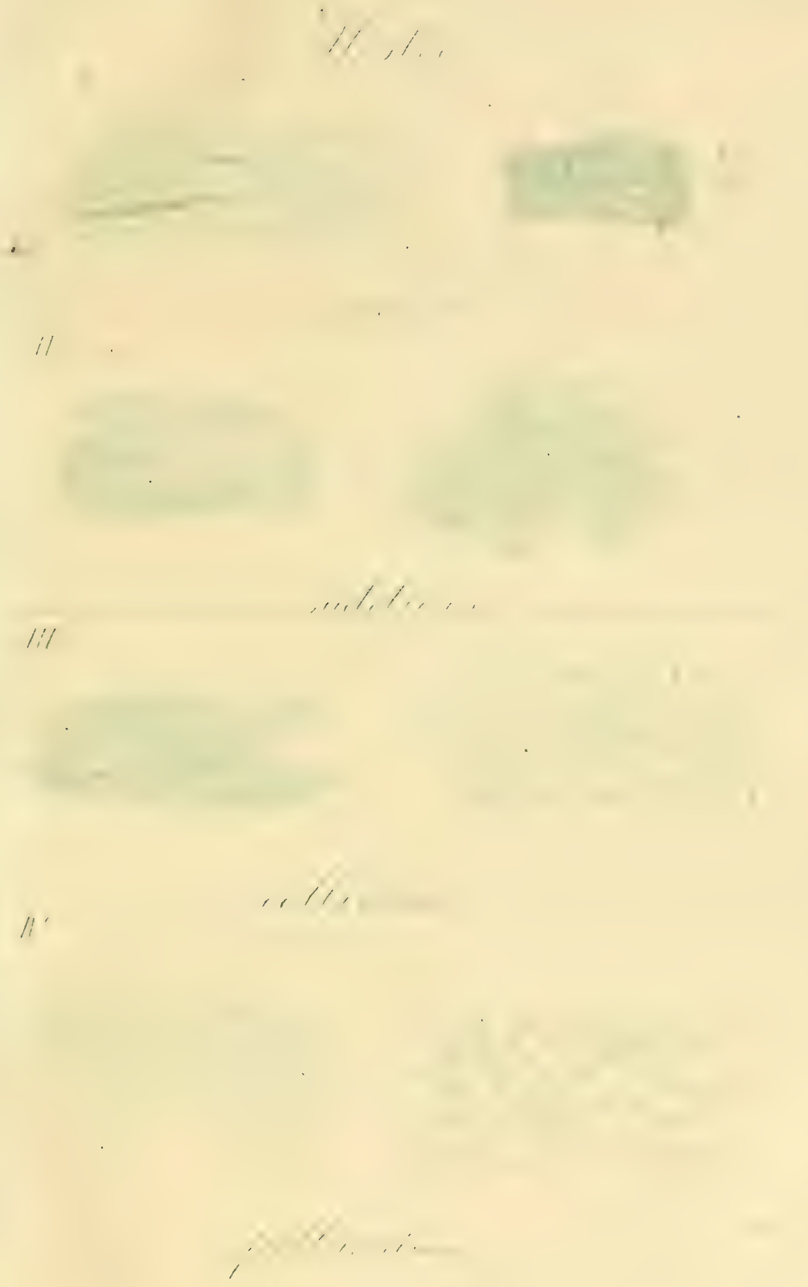
verrucosum

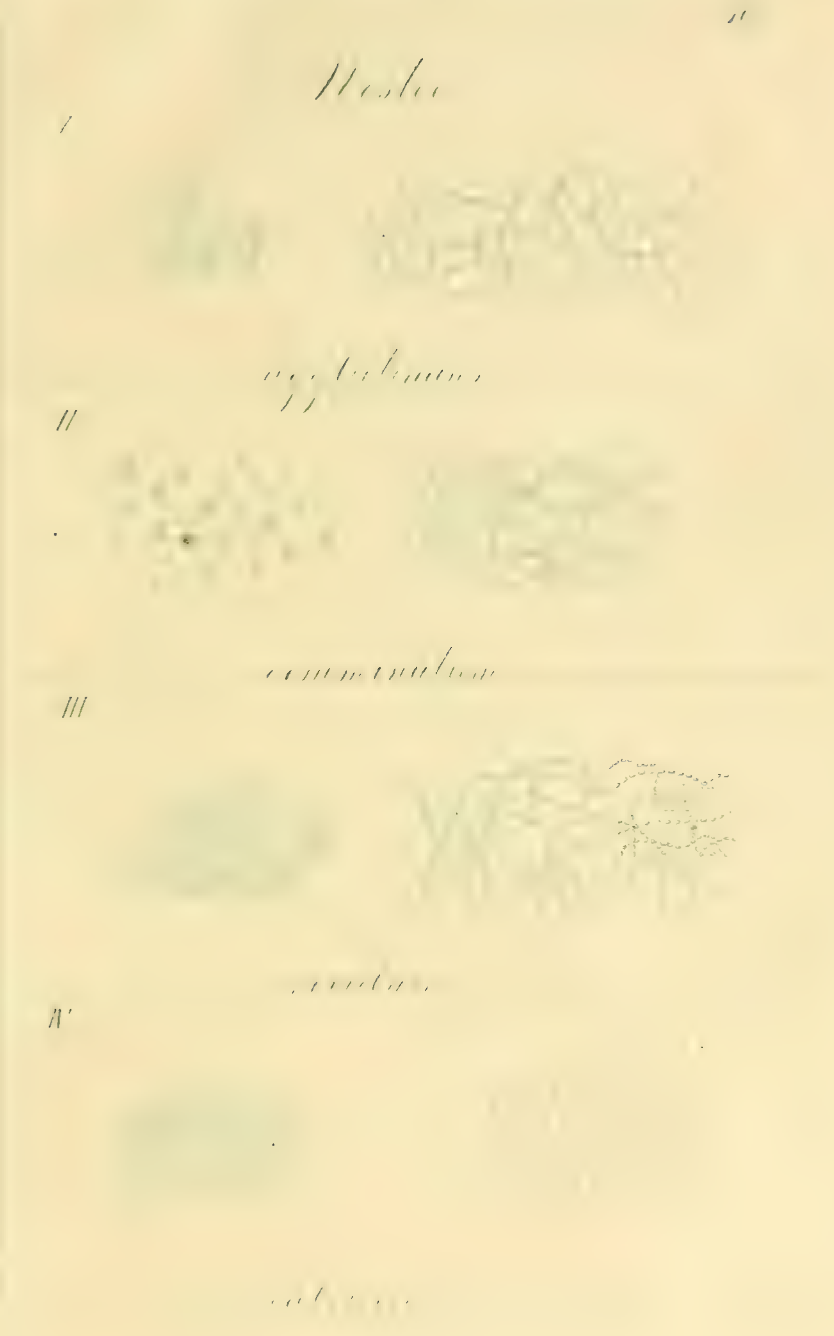

I
II
III
IV
V

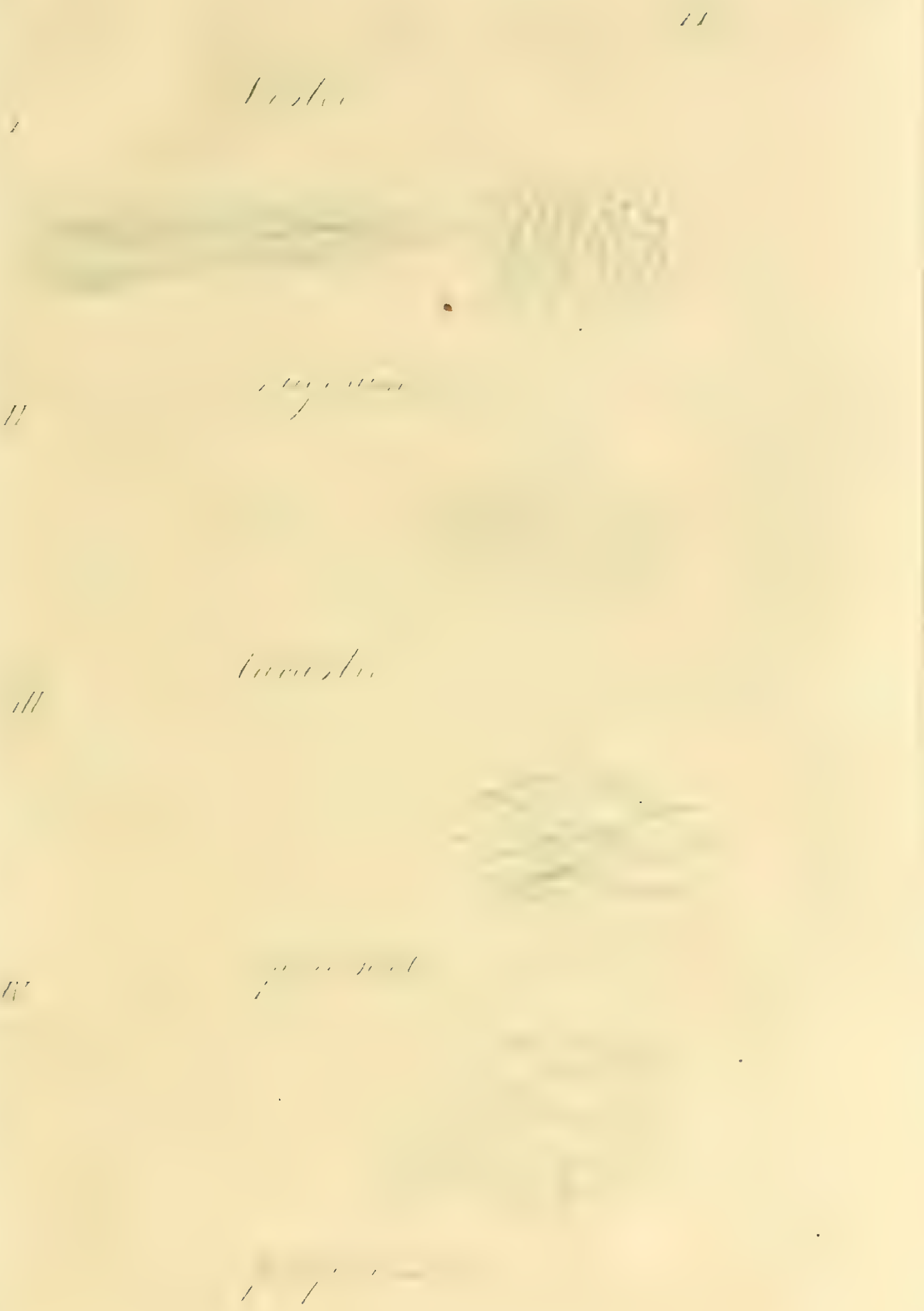
5.

I Nostoc
laciniatum
II
parmelioides
III
alpinum
IV
muscorum
V
lubicoderum

I
II
III




I
II
III
IV



I Hormosiphon

II tenuissima

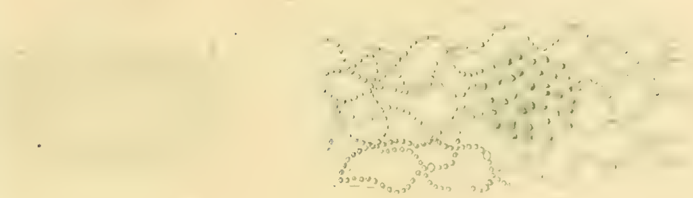
III papyracea

IV margaritacea

pruinosa

Hormosiphon

I



coriaceus

II

lichenoides

III

helveticus

Trichormus
I
II
muscicola
III

I

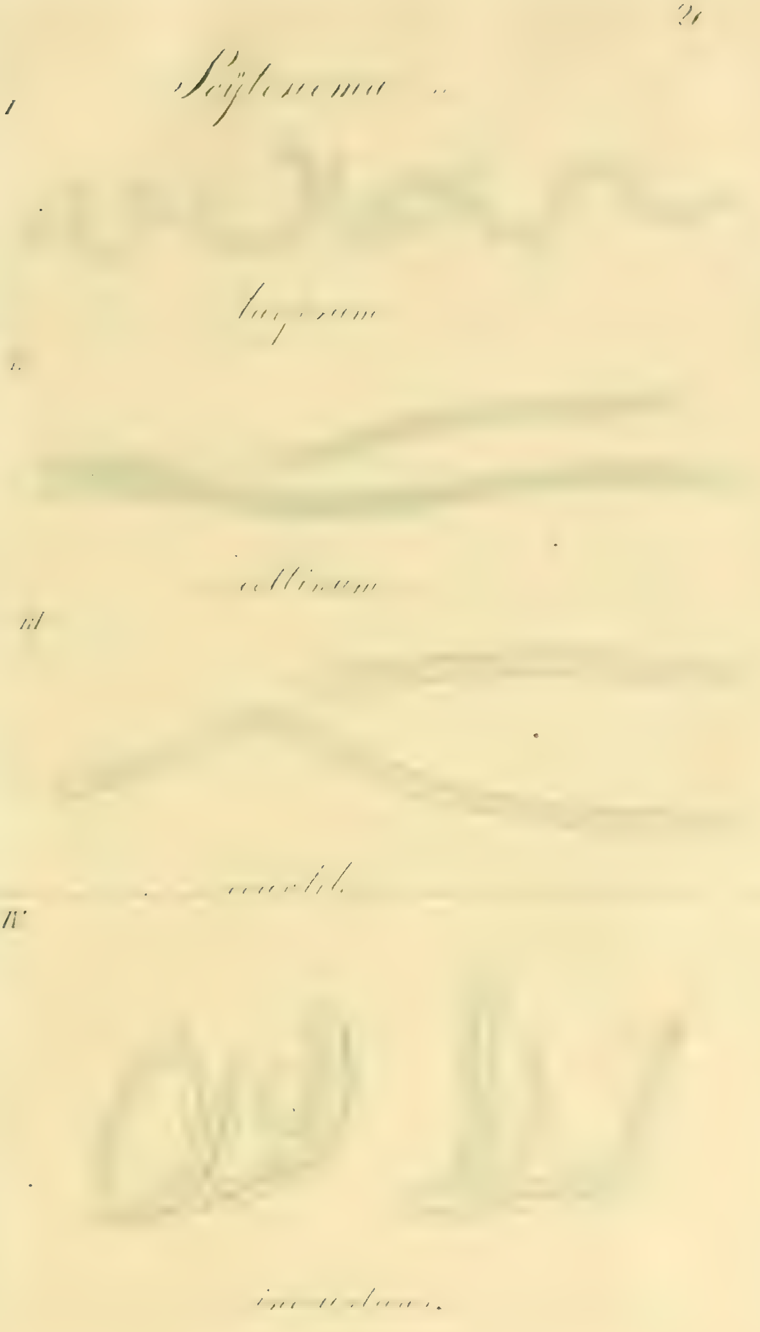
II

III

IV

17
I Scytonema
II cinereum
III melanopleurum
IV elegans
allochroum

I
II
III
IV


24
Scytonema
I
II
III
IV

I
II
III
IV

I
II
nutans
decumbens
III
IV

Scÿtonema
I
II
III
IV

Scytonema
I
II
flexuosum
III
IV

Leptonema
I
II
flagelliforme
pachysiphon
III
IV

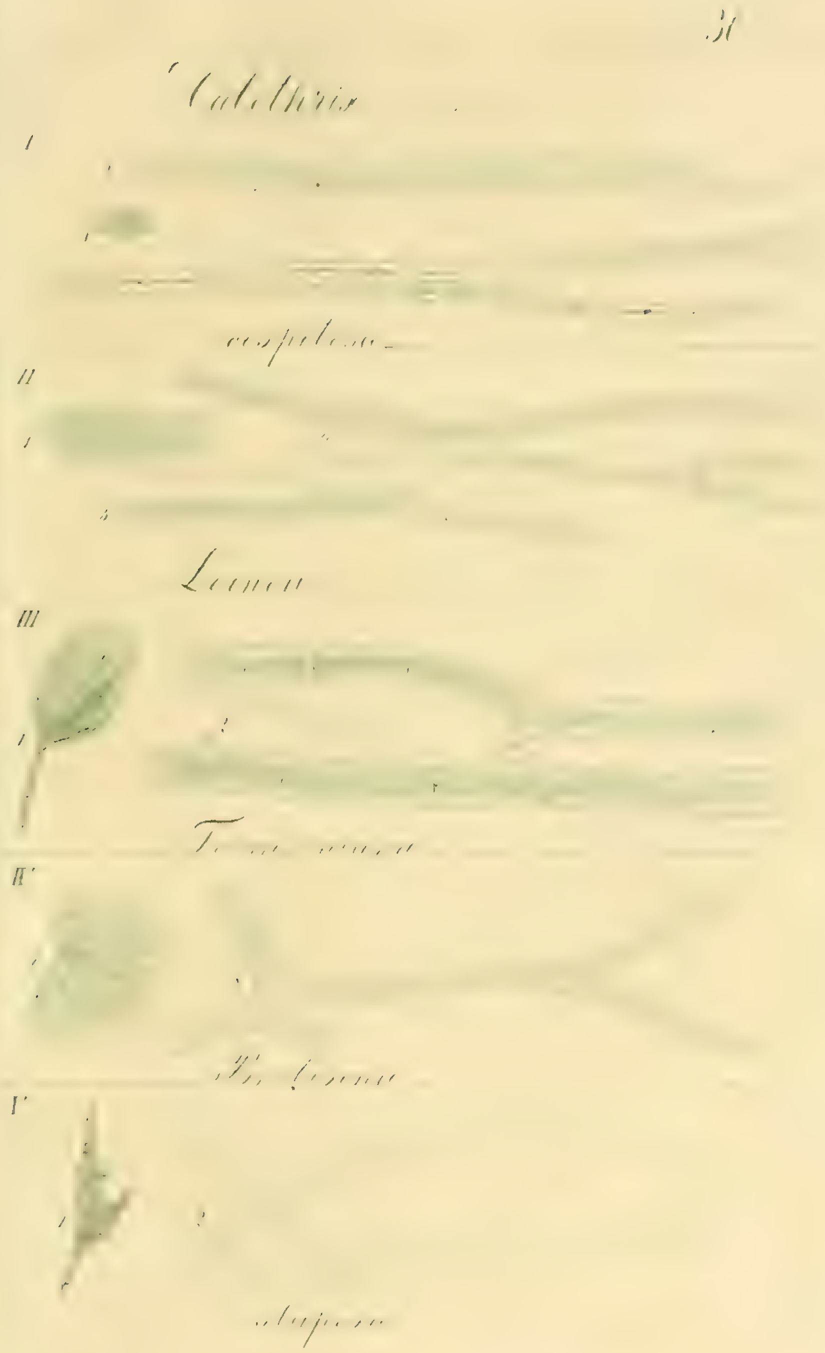
I
II
III
IV
V

27
I
Hormosiphon
II
inundatus
III
stagnalis
IV
natans

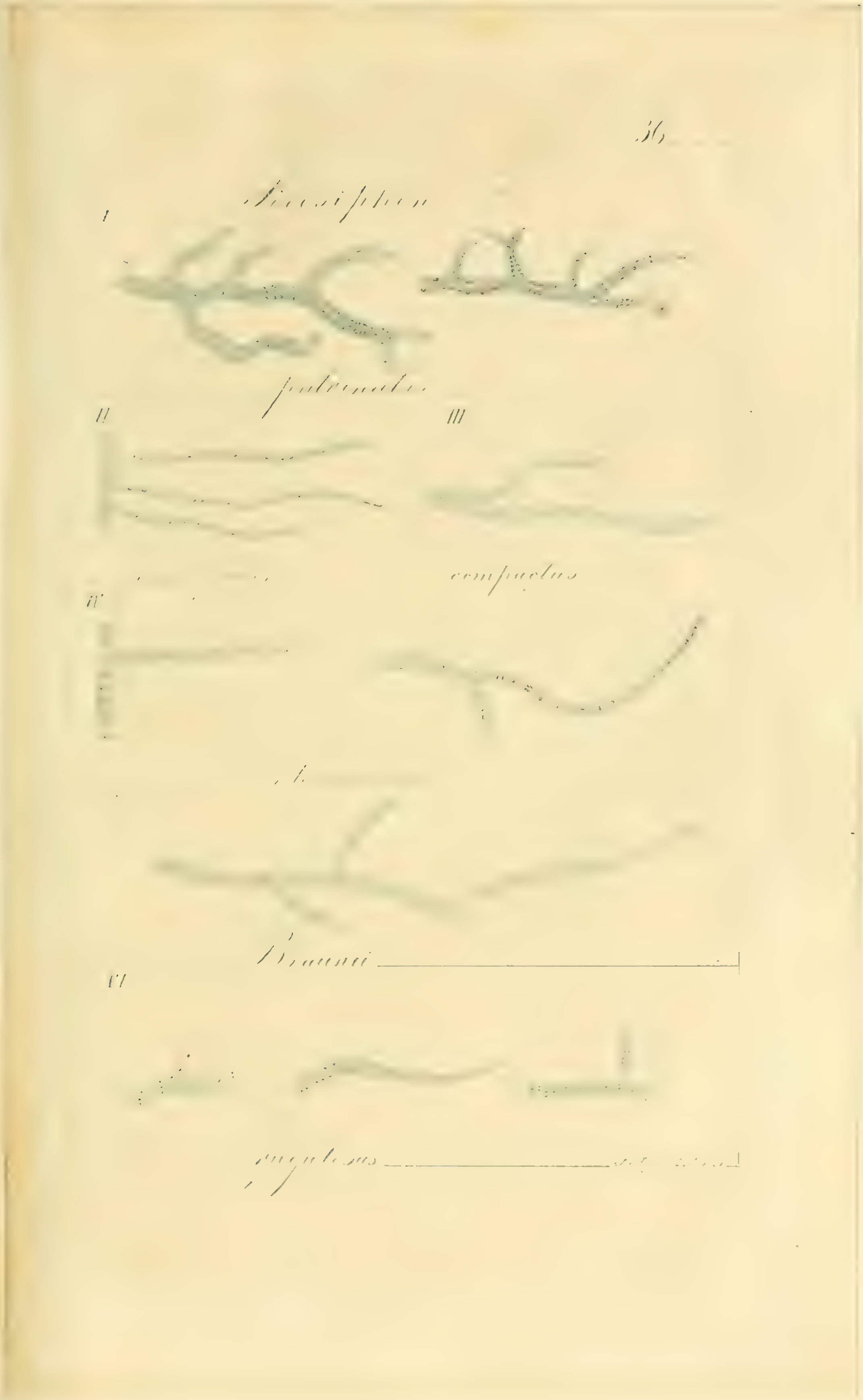
23

Arthrosiphon

Calothrix
I
II
III
IV
V


31
Calothrix

musciola.


56
I
II
III
compactus
Braunii
VI

Sirosiphon

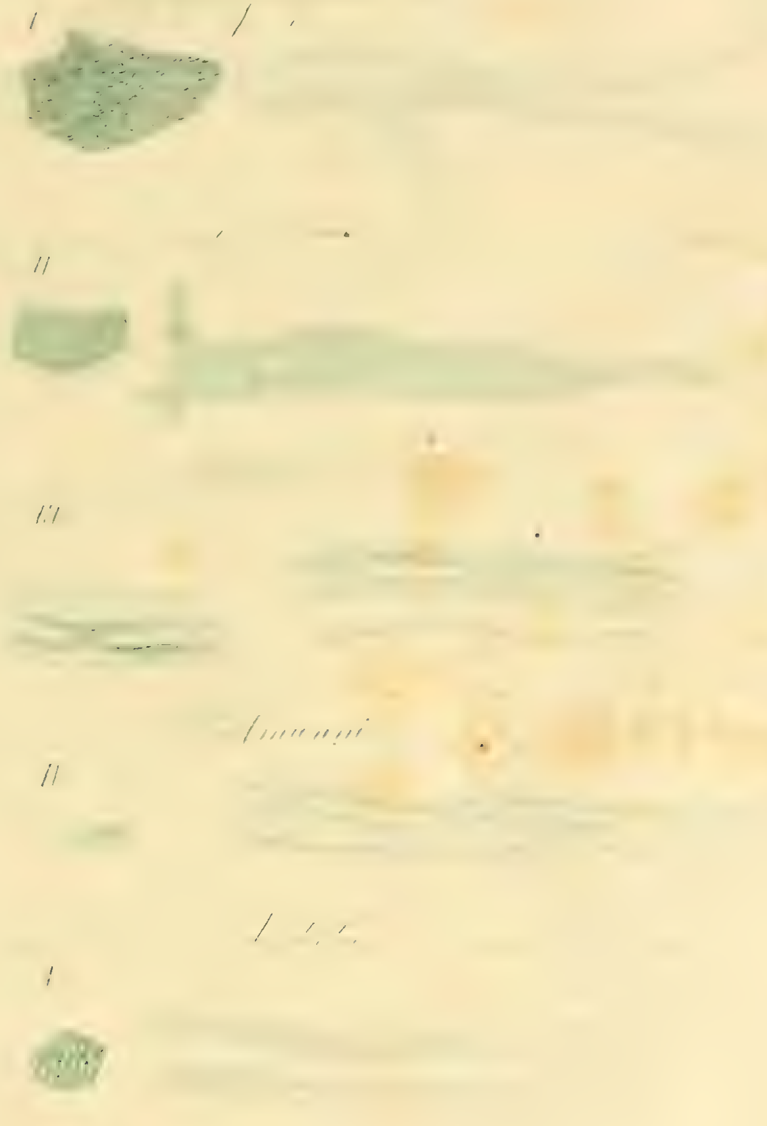
Stigonema

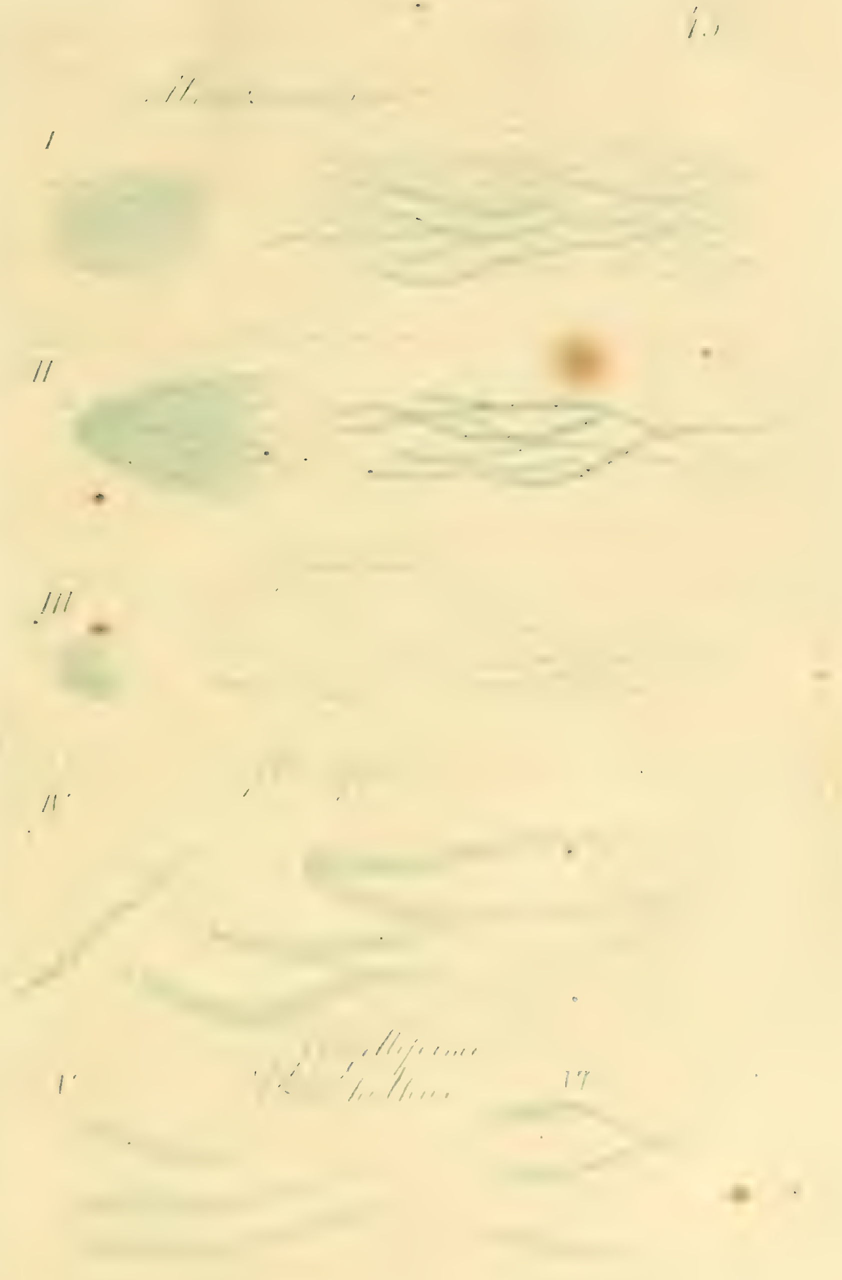
atrovirens

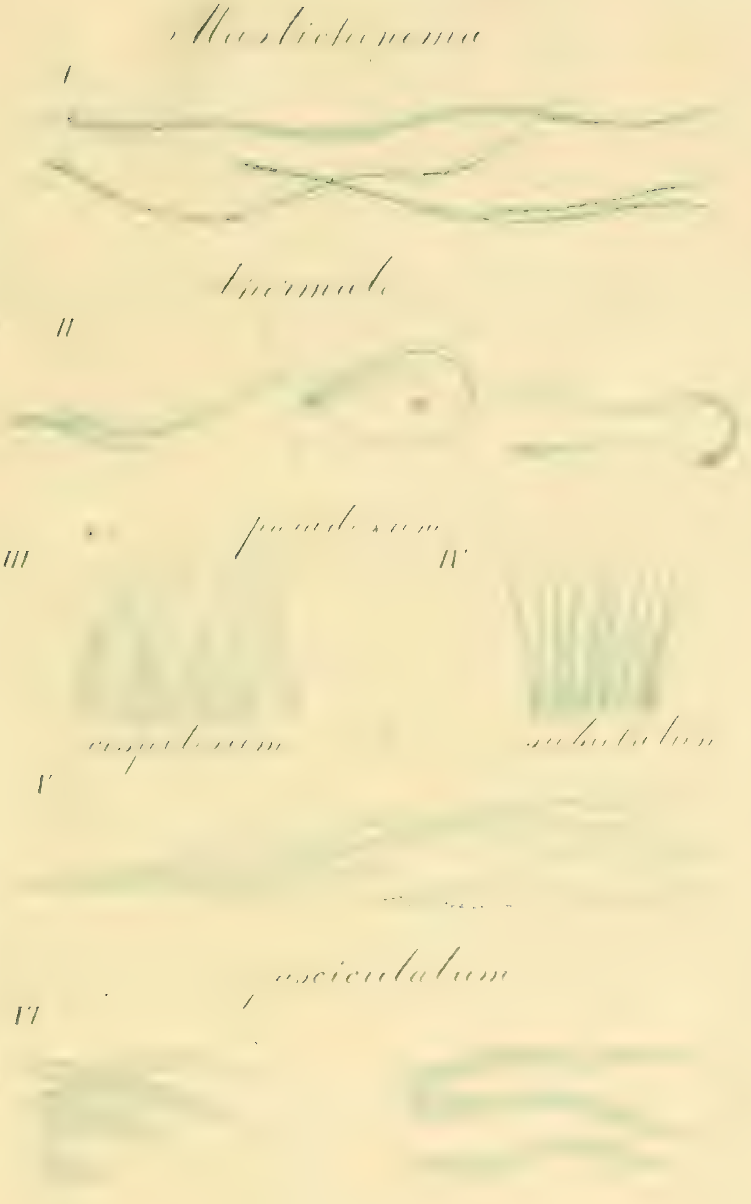
M . . .

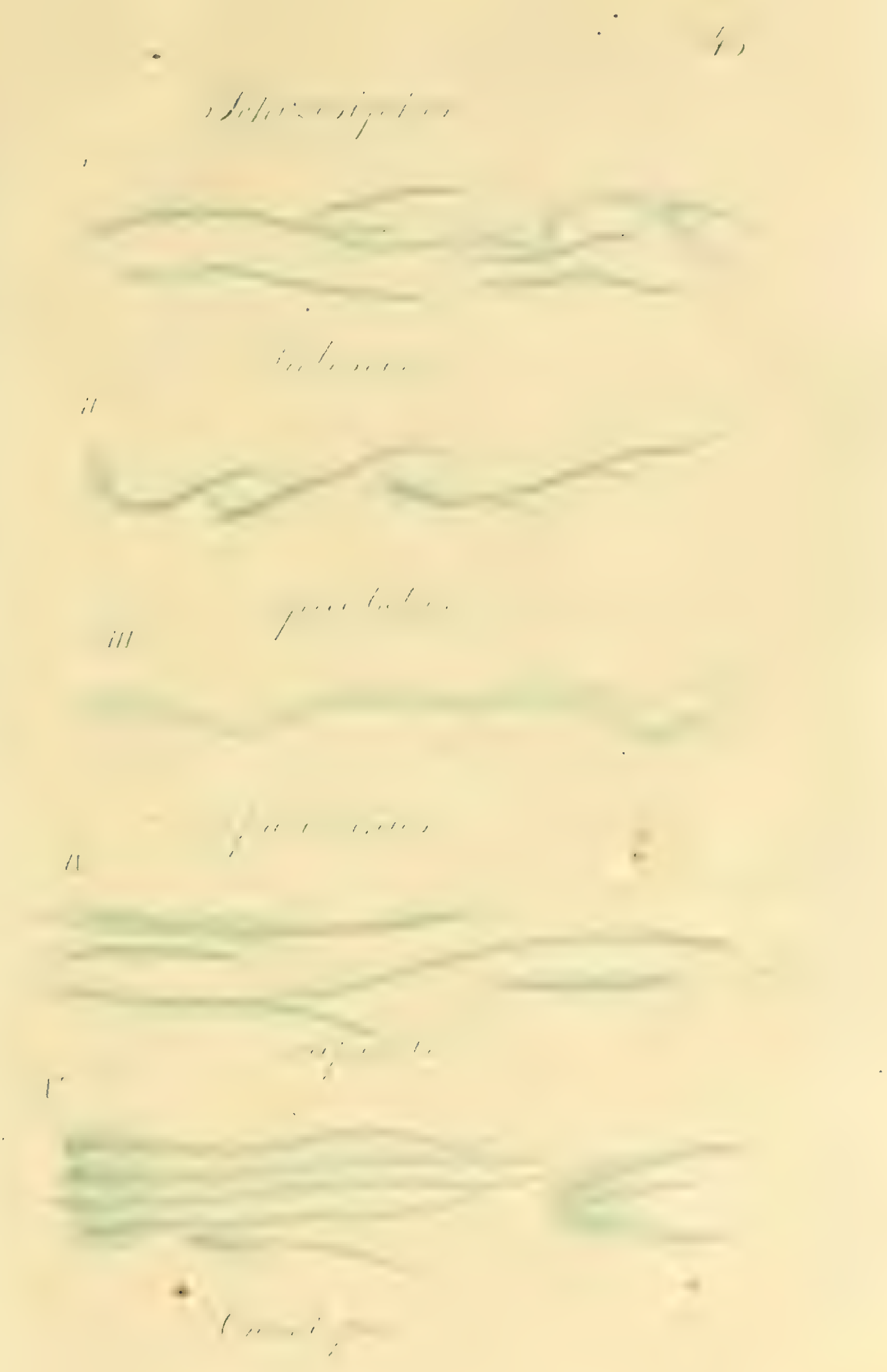
I
II
III
IV
V

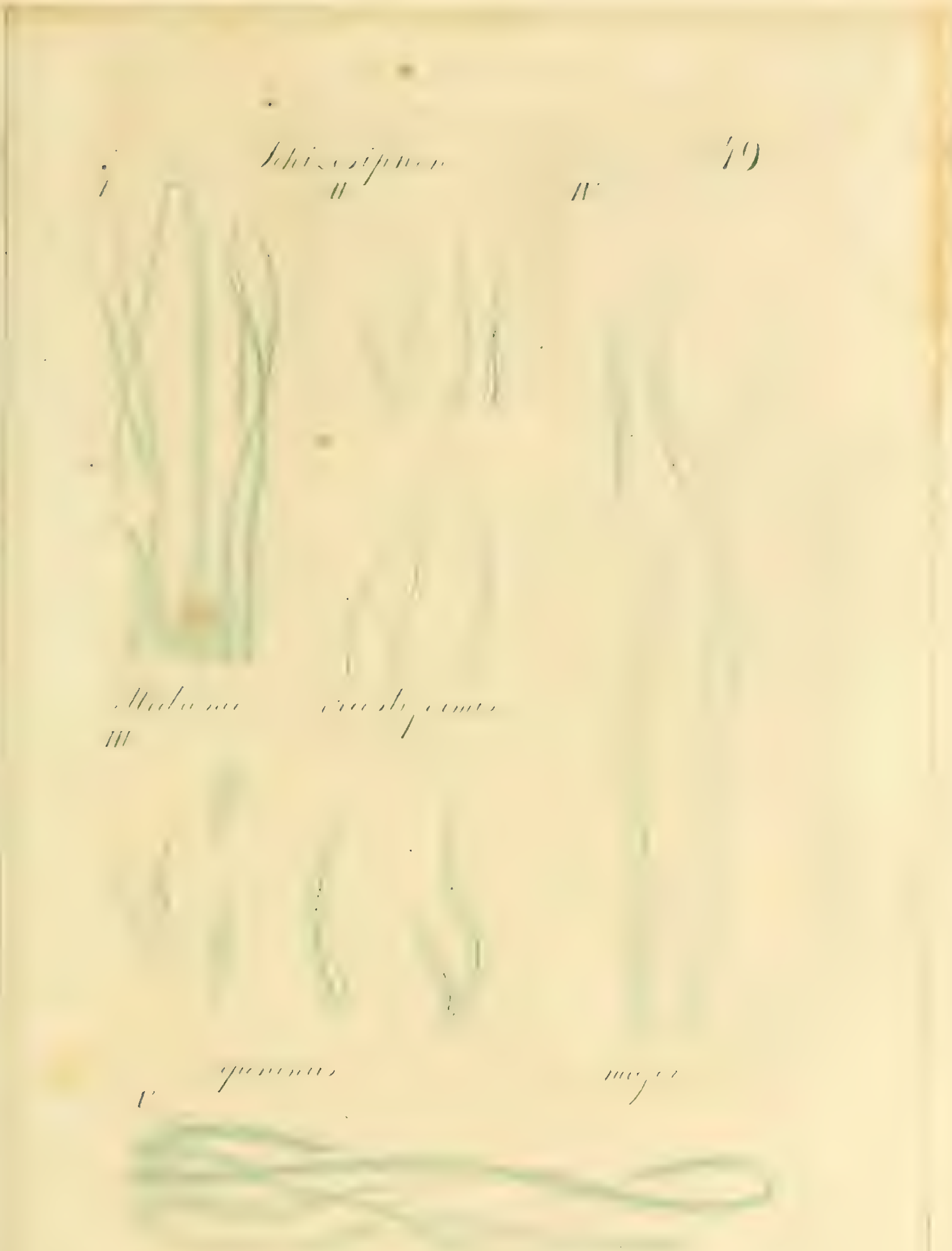
pulvinatus




I
II
III
IV
V
VI


Mastichonema
I
thermale
II
pendulum
III
IV
caespitosum
subulatum
V
fasciculatum
VI
pluviale




19

Schizonema

subsimplex Ktz.

gelatinosa

Crasum

64

68

II
Lyngbyana
III
IV

11
I
II
III
IV
minutula

rivularis.

lacustris

Regeliana

moniliformis

crispa

Ulothrix

Schizogonium
I
II
murale
III
IV

Schizogonium

densum centertum.

III
IV
crispulum